

Notified in A.C.Is. 13th August, 1941

NOT TO BE PUBLISHED

70
Guns
840

The information given in this document is not to be communicated, either directly or indirectly, to the Press or to any person not holding an official position in His Majesty's Service.

**REGULATIONS
FOR
ARMY ORDNANCE SERVICES
PART II**

PAMPHLET No. 21

1941

**INSTRUCTIONS TO GUIDE THE INITIAL SETTING-
UP OF AUTOMATIC SIGHTS TO AGREE WITH
WOOLWICH TABLE OF ANGLES**

By Command of the Army Council,



THE WAR OFFICE,
13th August, 1941.

CONTENTS

	Paras.
Mounting, 9-2-in., Mark VII—	
Full charge cams	1-13
Secondary cams	14-17
Mountings, 9-2-in., Marks V to VIA—	
Full charge cams	18-29
Secondary cams	30-33
Mounting, B.L. 6-in., Mark V—	
Full charge cams	34-45
Secondary cams	46-49
Mountings, B.L. 6-in., Marks II, IIA and IV* and Q.F. 6-in., Mark II—	
Full charge cams	50-62
Secondary cams	63-66
Mountings, 4-7-in., Marks III, III* and IV—	
Full charge cams	67-78
Secondary cams	79-82
Mountings, 12-pr., Marks I to III—	
Full charge cams	83-94
Secondary cams	95-98
Mounting, 6-pr., Mark I—	
Full charge cams	99-110
Secondary cams	111-114

INSTRUCTIONS TO GUIDE THE INITIAL SETTING- UP OF AUTOMATIC SIGHTS TO AGREE WITH WOOLWICH TABLE OF ANGLES

MOUNTING, 9.2-IN., MARK VII

Full charge cams

1. Test that the automatic sight correcting gear is adjusted properly.

2. When the cam is in position ensure that the roller and roller path are absolutely free from grit and oily residue and that the gear is working freely.

3. Set the upper and lower M.V. correctors at "0".

4. Set the cam adjusting lever at mean sea level.

5. Set the error of day drum or clicking indicator and the deflection gear to zero.

6. Lay the gun at the first plus Q.E. shown on the Woolwich Table of Angles and adjust the sight line, if necessary, by operating the error of day drum or clicking indicator.

Note (a).—The gun and sights must be laid by clinometer, using a sight testing bar in the telescope brackets.

7. Lay the gun at a Q.E. near extreme elevation and then at a Q.E. near extreme depression and note the reading of the sight line in each case.

8. Eliminate errors of the depression reading of sight line as follows:—

(a) Too little at plus Q.E. and too great at minus Q.E., raise the bush at the top end of the connecting rod of the automatic sight correcting gear.

(b) Too great at plus Q.E. and too little at minus Q.E., lower the bush at the top end of the connecting rod of the automatic sight correcting gear.

(c) Too little at both Q.E.'s, move the eccentric in the cam towards the front (muzzle) (clockwise).

(d) Too great at both Q.E.'s, move the eccentric in the cam towards the rear (breech) (anti-clockwise).

9. Repeat the whole operation until the sight reads correctly on all three selected readings.

Note (b).—In using the Woolwich Table of Angles allowance

must be made for the manufacturing tolerances permitted on the cam, as indicated on the Woolwich Table of Angles.

10. Take readings at all plus Q.E.'s shown on the Woolwich Table of Angles. Adjust the sight line by operating the eccentric in the cam until a mean error is found, *i.e.*, without having too big a plus or minus at each end.

Note (c).—Do not file or scrape the cam as adjustments of this sort are absolutely forbidden.

11. Re-test by repeating the whole operation.

12. Slip the scale of the error of day drum or clicker to zero and re-tighten.

13. Bring the bubble of the spirit level on the sight carrier central by means of the capstan nuts.

Note (d).—The adjustment of the eccentric bush should be effected by securing it with the set screw while testing and, when agreement has been reached with the Woolwich Table of Angles, the bush should be secured by the grub screw provided.

Secondary cams

14. Assemble the cam on the mounting with the eccentric bush in the "no throw" position, *i.e.*, full throw of bush towards tidal lever hole.

15. Take sight readings as for the full charge cam and adjust the eccentric bush in the cam.

16. Do not move the bush at the top end of the connecting rod of the automatic sight correcting gear.

17. After adjustment secure the eccentric bush by means of the set screw.

MOUNTINGS, 9.2-IN., MARKS V TO VIA

Full charge cams

18. Test that the automatic sight correcting gear is adjusted properly.

19. When the cam is in position ensure that the roller and roller path are absolutely free from grit and oily residue and that the gear is working freely.

20. Set the cam adjusting lever at mean sea level.

21. Set the error of day drum or clicking indicator and the deflection gear to zero.

22. Adjust the eccentric bush in the cam to approximate the position indicated in **FIG. 1**.

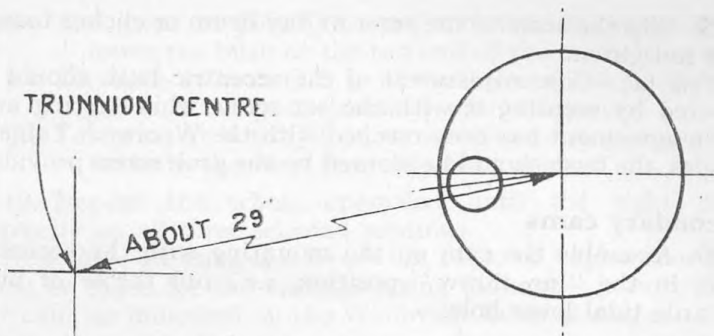


Fig. 1.

23. Lay the gun at the first plus Q.E. shown on the Woolwich Table of Angles and adjust the sight line, if necessary, by operating the error of day drum or clicking indicator.

Note (a).—The gun and sights must be laid by clinometer, using a sight testing bar in the telescope brackets.

24. Lay the gun at a Q.E. near extreme depression and then at a Q.E. near extreme elevation and note the reading of the sight line in each case.

25. Eliminate errors of the depression reading of sight line as follows:—

- (a) Too little at plus Q.E. and too great at minus Q.E., lower the bush at the top end of the connecting rod of the automatic sight correcting gear.
- (b) Too great at plus Q.E. and too little at minus Q.E., raise the bush at the top end of the connecting rod.
- (c) Too little at both Q.E.'s, move the eccentric in the cam towards the rear (breech) (anti-clockwise).
- (d) Too great at both Q.E.'s, move the eccentric in the cam towards the front (muzzle) (clockwise).

26. Repeat the whole operation until the sight reads correctly on all three selected readings.

Note (b).—In using the Woolwich Table of Angles allowance must be made for the manufacturing tolerances permitted on the cam, as indicated on the Woolwich Table of Angles.

27. Take readings at all plus Q.E.'s shown on the Woolwich Table of Angles. Adjust the sight line by operating the eccentric in the cam until a mean error is found, *i.e.*, without having too big a plus or minus at each end.

Note (c).—Do not file or scrape the cam as adjustments of this sort are absolutely forbidden.

28. Re-test by repeating the whole operation.

29. Slip the scale of the error of day drum or clicker to zero and re-tighten.

Note (d).—The adjustment of the eccentric bush should be effected by securing it with the set screw while testing and, when agreement has been reached with the Woolwich Table of Angles, the bush should be secured by the grub screw provided.

Secondary cams

30. Assemble the cam on the mounting with the eccentric bush in the "no throw" position, *i.e.*, full throw of bush towards tidal lever hole.

31. Take sight readings as for the full charge cam and adjust the eccentric bush in the cam.

32. Do not move the bush at the top end of the connecting rod of the automatic sight correcting gear.

33. After adjustment secure the eccentric bush in the cam by means of the set screw.

MOUNTING, B.L. 6-IN., MARK V

Full charge cams

34. Test that the automatic sight correcting gear is adjusted properly.

35. When the cam is in position ensure that the roller and roller path are absolutely free from grit and oily residue and that the gear is working freely.

36. Set the upper and lower M.V. correctors at "0".

37. Set the cam adjusting lever at mean sea level.

38. Set the clicking indicator and the deflection gear to zero.

39. Lay the gun at the first plus Q.E. shown on the Woolwich Table of Angles and adjust the sight line, if necessary, by operating the "Q" eccentric.

Note (a).—The gun and sights must be laid by clinometer, using a sight testing bar in the telescope brackets.

40. Lay the gun at a Q.E. near extreme depression and then at a Q.E. near extreme elevation and note the reading of the sight line in each case.

41. Eliminate errors of the depression reading of sight line as follows:—

(a) Too little at plus Q.E. and too great at minus Q.E., raise the bush at the top end of the connecting rod of the automatic sight correcting gear.

- (b) Too great at plus Q.E. and too little at minus Q.E., lower the bush at the top end of the connecting rod.
- (c) Too little at both Q.E.'s, move the eccentric in the cam towards the front (muzzle) (anti-clockwise).
- (d) Too great at both Q.E.'s, move the eccentric in the cam towards the rear (breech) (clockwise).

42. Repeat the whole operation until the sight reads correctly on all three selected readings.

Note (b).—In using the Woolwich Table of Angles allowance must be made for the manufacturing tolerances permitted on the cam, as indicated on the Woolwich Table of Angles.

43. Take readings at all plus Q.E.'s shown on the Woolwich Table of Angles and adjust the sight line by operating the eccentric in the cam until a mean error is found, *i.e.*, without having too big a plus or minus at each end.

Note (c).—Do not file or scrape the cam as adjustments of this sort are absolutely forbidden.

44. Re-test by repeating the whole operation.

45. Bring the bubble of the spirit level on the sight carrier central by means of the capstan nuts.

Note (d).—The adjustment of the eccentric bush should be effected by securing it with the set screw while testing and, when agreement has been reached with the Woolwich Table of Angles, the bush should be secured by the grub screw provided.

Secondary cams

46. Assemble the cam on the mounting with the eccentric bush in the "no throw" position, *i.e.*, full throw of bush towards tidal lever hole.

47. Take sight readings as for the full charge cam and adjust the eccentric bush in the cam.

48. Do not move the bush at the top end of the connecting rod of the automatic sight correcting gear.

49. After adjustment secure the eccentric bush in the cam by means of the set screw.

MOUNTINGS, B.L. 6-IN., MARKS II, IIA AND IV* AND Q.F. 6-IN., MARK II

Full charge cams

50. (a) With mountings having correctional gear, test that the automatic sight correcting gear is adjusted properly.

(b) With mountings without correctional gear, test and adjust

for verticality of pivot. If the mounting is only slightly out of level find the mean of the high and low positions and adjust the sight over the mean position.

51. When the cam is in position ensure that the roller and roller paths are absolutely free from grit and oily residue and that the gear is working freely.

52. Set the sight carrier adjusting studs in the positions indicated in **FIG. 2**.

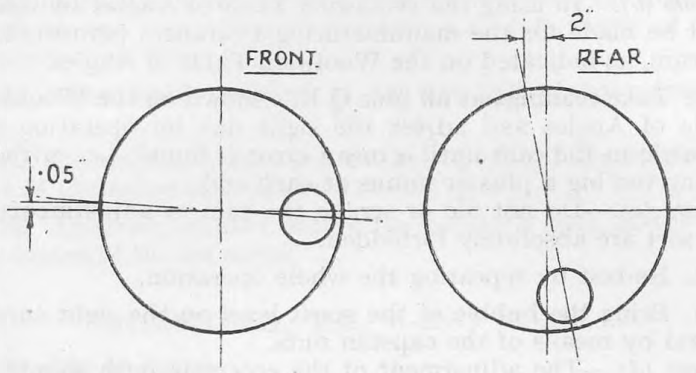


Fig. 2.

53. Set the front and rear M.V. correctors at "0".

54. Set the cam adjusting lever at mean sea level.

55. Set the error of day drum or clicking indicator and the deflection gear to zero.

56. Lay the gun at the first plus Q.E. shown on the Woolwich Table of Angles and adjust the sight line, if necessary, by operating the "Q" eccentric.

Note (a).—The gun and sights must be laid by clinometer, using a sight testing bar in the telescope brackets.

57. Lay the gun at a Q.E. near extreme depression and then at a Q.E. near extreme elevation and note the reading of the sight line in each case.

58. Eliminate errors of the depression reading of sight line as follows:—

- (a) Too little at plus Q.E. and too great at minus Q.E., raise the front eccentric (turn anti-clockwise).
- (b) Too great at plus Q.E. and too little at minus Q.E., lower the front eccentric (turn clockwise).
- (c) Too little at both Q.E.'s, move the rear eccentric towards the front (muzzle) (anti-clockwise).

- (d) Too great at both Q.E.'s, move the rear eccentric towards the rear (breech) (clockwise).

59. Repeat the whole operation until the sight reads correctly on all three selected readings.

Note (b).—In using the Woolwich Table of Angles allowance must be made for the manufacturing tolerances permitted on the cam, as indicated on the Woolwich Table of Angles.

60. Take readings at all plus Q.E.'s shown on the Woolwich Table of Angles and adjust the sight line by operating the rear eccentric—

- (a) towards the front (muzzle) if the depression readings of the sight are too little
- (b) towards the rear (breech) if the depression readings of the sight are too great

until a mean error is found, *i.e.*, without having too big a plus or minus at each end.

Note (c).—Do not file or scrape the cam as adjustments of this sort are absolutely forbidden.

61. Re-test by repeating the whole operation.

62. Secure the eccentric studs by means of the fixing screws, ensuring that the readings are not affected thereby.

Secondary cams

63. Assemble the cam on the mounting with the eccentric bush in the cam in the "no throw" position, *i.e.*, full throw of bush towards tidal lever hole.

64. Take sight readings as for the full charge cam and adjust the eccentric bush *in the cam*.

65. Do not move the sight carrier adjusting studs, which are intended for the adjustment of the full charge cam ONLY.

66. After adjustment secure the eccentric bush in the cam by means of the set screw.

MOUNTINGS, 4.7-IN., MARKS III, III* AND IV

Full charge cams

67. (a) With mountings having correctional gear, test that the automatic sight correcting gear is adjusted properly.

(b) With mountings without correctional gear, test and adjust for verticality of pivot. If the mounting is only slightly out of level find the mean of the high and low positions and adjust the sight over the mean position.

68. When the cam is in position ensure that the roller and

roller paths are absolutely free from grit and oily residue and that the gear is working freely.

69. Set the sight carrier adjusting bushes in the positions indicated in **FIG. 3** or **4**, respectively.

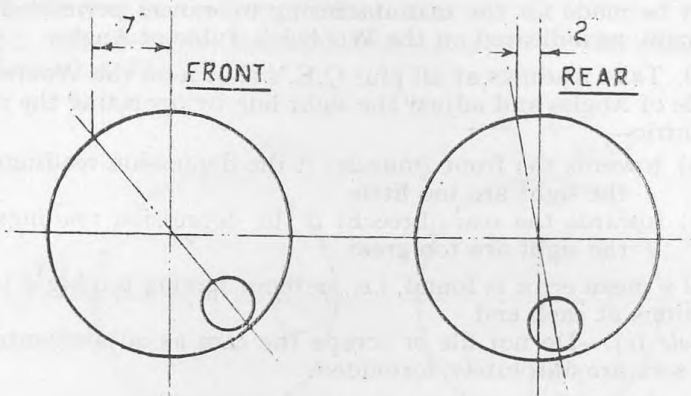


Fig. 3.

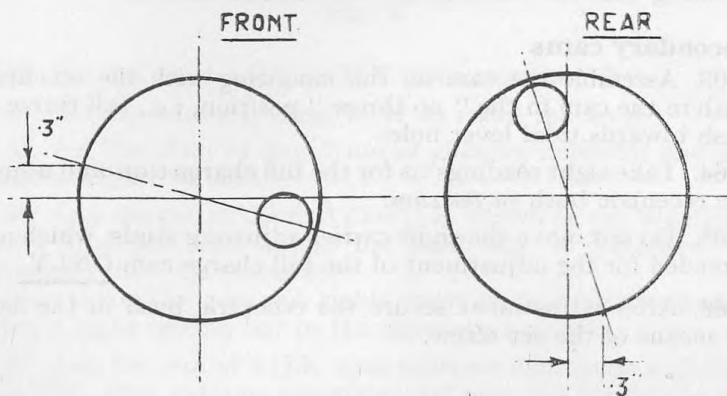


Fig. 4.

70. Set the cam adjusting lever at mean sea level.

71. Set the error of day scale and the deflection scale at zero.

72. Lay the gun at the first plus Q.E. shown on the Woolwich Table of Angles and adjust the sight line, if necessary, by operating the "Q" eccentric.

Note (a).—The gun and sights must be laid by clinometer, using a sight testing bar in the telescope brackets.

73. Lay the gun at a Q.E. near extreme depression and then at a Q.E. near extreme elevation and note the reading of the sight line in each case.

74. Eliminate errors of the depression reading of sight line as follows :—

- (a) Too little at plus Q.E. and too great at minus Q.E., lower the front eccentric (turn clockwise).
- (b) Too great at plus Q.E. and too little at minus Q.E., raise the front eccentric (turn anti-clockwise).
- (c) Too little at both Q.E.'s, move the rear eccentric towards the rear (breech) (anti-clockwise).
- (d) Too great at both Q.E.'s, move the rear eccentric towards the front (muzzle) (clockwise).

75. Repeat the whole operation until the sight reads correctly on all three selected readings.

Note (b).—In using the Woolwich Table of Angles allowance must be made for the manufacturing tolerances permitted on the cam, as indicated on the Woolwich Table of Angles.

76. Take readings at all plus Q.E.'s shown on the Woolwich Table of Angles and adjust the sight line by operating the rear eccentric—

- (a) towards the rear (breech) if the depression readings of the sight are too little
- (b) towards the front (muzzle) if the depression readings of the sight are too great

until a mean error is found, *i.e.*, without having too big a plus or minus at each end.

Note (c).—Do not file or scrape the cam as adjustments of this sort are absolutely forbidden.

77. Re-test by repeating the whole operation.

78. Secure the eccentric bushes by means of the set screws, ensuring that the readings are not affected thereby.

Secondary cams

79. Assemble the cam on the mounting with the eccentric bush in the cam in the "no throw" position, *i.e.*, full throw of bush towards trunnions.

80. Take sight readings as for the full charge cam and adjust the eccentric bush *in the cam*.

81. Do not move the sight carrier adjusting bushes, which are intended for the adjustment of the full charge cam ONLY.

82. After adjustment secure the eccentric bush in the cam by means of the set screw.

MOUNTINGS, 12-PR., MARKS I TO III

Full charge cams

83. Test and adjust for verticality of pivot. If the mounting is only slightly out of level find the mean of the high and low positions and adjust the sight over the mean position.

84. When the cam is in position ensure that the roller and roller paths are free from grit and oily residue and that the gear is working freely and without jerkiness.

85. Set the sight carrier adjusting bushes in the positions indicated in **FIG. 5**.

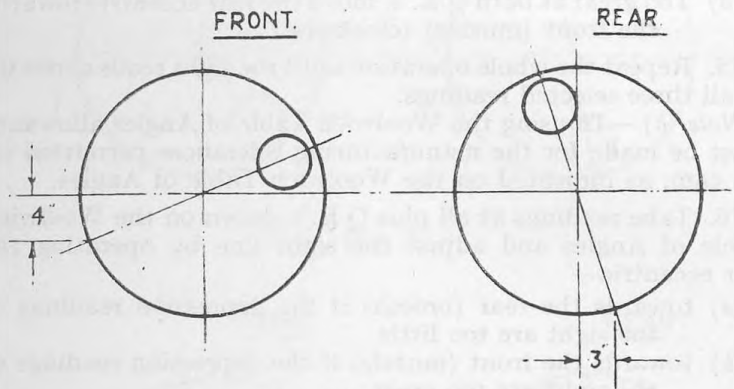


Fig. 5.

Note (a).—Better results are sometimes obtained by reversing these positions.

86. Set the error of day drum and clicking indicator and the deflection gear to zero.

87. Set the cam adjusting lever at mean sea level.

88. Lay the gun at the first plus Q.E. shown on the Woolwich Table of Angles and adjust the sight line, if necessary, by operating the "Q" eccentric.

Note (b).—The gun and sights must be laid by clinometer, using a sight testing bar in the telescope brackets.

89. Lay the gun at a Q.E. near extreme elevation and then at a Q.E. near extreme depression and note the reading of the sight line in each case.

90. Eliminate errors of the depression reading of sight line as follows:—

- (a) Too little at plus Q.E. and too great at minus Q.E., raise the front eccentric (turn anti-clockwise).

- (b) Too great at plus Q.E. and too little at minus Q.E., lower the front eccentric (turn clockwise).
- (c) Too little at both Q.E.'s, move the rear eccentric towards the front (muzzle) (anti-clockwise).
- (d) Too great at both Q.E.'s, move the rear eccentric towards the rear (breech) (clockwise).

91. Repeat the whole operation until the sight reads correctly on all three selected readings.

Note (c).—In using the Woolwich Table of Angles allowance must be made for the manufacturing tolerances permitted on the cam, as indicated on the Woolwich Table of Angles.

92. Take readings at all plus Q.E.'s shown on the Woolwich Table of Angles and adjust the sight line by operating the rear eccentric—

- (a) towards the front (muzzle) if the depression readings of the sight are too little
- (b) towards the rear (breech) if the depression readings of the sight are too great

until a mean error is found, *i.e.*, without having too big a plus or minus at each end.

Note (d).—Do not file or scrape the cam as adjustments of this sort are absolutely forbidden.

93. Re-test by repeating the whole operation.

94. Secure the eccentric bushes by means of the set screws, ensuring that the readings are not affected thereby.

Secondary cams

95. Assemble the cam on the mounting with the eccentric bush in the cam in the "no throw" position, *i.e.*, full throw of bush at bottom.

96. Take sight readings as for the full charge cam and adjust the eccentric bush *in the cam*.

97. Do not move the sight carrier adjusting bushes, which are intended for the adjustment of the full charge cam ONLY.

98. After adjustment secure the eccentric bush in the cam by means of the set screw.

MOUNTING, 6-PR., MARK I

Full charge cams

99. Test and adjust for verticality of pivot. If the mounting is only slightly out of level find the mean of the high and low positions and adjust the sight over the mean position.

100. When the cam is in position ensure that the roller and roller paths are free from grit and oily residue and that the gear is working freely and without jerkiness.

101. Set the sight carrier adjusting studs in the positions indicated in **FIG. 6**.

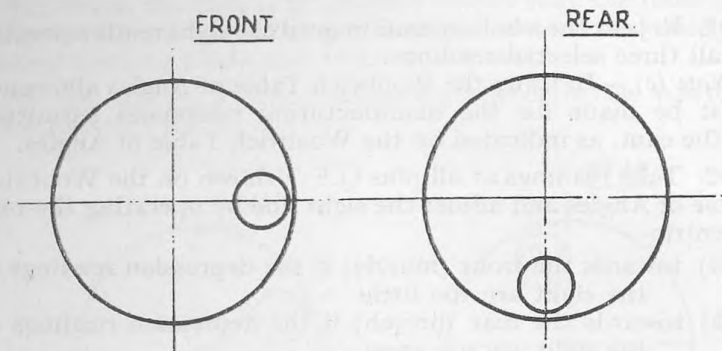


Fig. 6.

102. Set the cam adjusting lever at mean sea level.

103. Set the correction and deflection gears to zero.

104. Lay the gun at the first plus Q.E. shown on the Woolwich Table of Angles and adjust the sight line, if necessary, by operating the "Q" eccentric.

Note (a).—The gun and sights must be laid by clinometer, using a sight testing bar in the telescope brackets.

105. Lay the gun at a Q.E. near extreme depression and then at a Q.E. near extreme elevation and note the reading of the sight line in each case.

106. Eliminate errors of the depression reading of sight line as follows:—

- (a) Too little at plus Q.E. and too great at minus Q.E., raise the front eccentric (turn anti-clockwise).
- (b) Too great at plus Q.E. and too little at minus Q.E., lower the front eccentric (turn clockwise).
- (c) Too little at both Q.E.'s, move the rear eccentric towards the front (muzzle) (clockwise).
- (d) Too great at both Q.E.'s, move the rear eccentric towards the rear (breech) (anti-clockwise).

107. Repeat the whole operation until the sight reads correctly on all three selected readings.

Note (b).—In using the Woolwich Table of Angles allowance

must be made for the manufacturing tolerances permitted on the cam, as indicated on the Woolwich Table of Angles.

108. Take readings at all plus Q.E.'s shown on the Woolwich Table of Angles and adjust the sight line by operating the rear eccentric—

- (a) towards the front (muzzle) if the depression readings of the sight are too little
- (b) towards the rear (breech) if the depression readings of the sight are too great

until a mean error is found, *i.e.*, without having too big a plus or minus at each end.

Note (c).—Do not file or scrape the cam as adjustments of this sort are absolutely forbidden.

109. Re-test by repeating the whole operation.

110. Secure the eccentric studs by means of the fixing screws, ensuring that the readings are not affected thereby.

Secondary cams

111. Assemble the cam on the mounting with the eccentric bush in the cam in the "no throw" position, *i.e.*, full throw towards tidal lever hole.

112. Take sight readings as for the full charge cam and adjust the eccentric bush *in the cam*.

113. Do not move the sight carrier adjusting studs, which are intended for the adjustment of the full charge cam ONLY.

114. After adjustment secure the eccentric bush in the cam by means of the set screw.

Notified in A.C.Is. 22nd July, 1942

NOT TO BE PUBLISHED

The information given in this document is not to be communicated, either directly or indirectly, to the Press or to any person not holding an official position in His Majesty's Service.

26
Regulations
2106

**REGULATIONS FOR ARMY
ORDNANCE SERVICES, PART II**

PAMPHLET No. 21, 1941

AMENDMENTS (No. 1A)

Title page.

Before "INSTRUCTIONS" *insert* "I".

Add :—

Amdt.1A
July, 1942

**II INSTRUCTIONS TO GUIDE THE INITIAL
SETTING UP OF DIRECTION SIGHTS,
NOS. 1 AND 2.**

26
Regulations
2106

Page 2.

Above "Mountings, 9.2-in., Mark VII" *insert*
"SECTION I—AUTO SIGHTS".

Below last line insert "SECTION II—DIRECTION
SIGHTS Page 15".

Page 3. *Before* "INSTRUCTIONS" *insert* "I".

NOT TO BE PUBLISHED

The information given in this document is not to be communicated, either directly or indirectly, to the Press or to any person not holding an official position in His Majesty's Service.

20
Regulation
1108

ORDNANCE SERVICES, PART II
REGULATIONS FOR ARMY

PAMPHLET No. 21, 1941

AMENDMENTS (No. 1A)

This page.

Before "INSTRUCTIONS" insert "1"

add -

20
Regulation
1108
H. INSTRUCTIONS TO GUIDE THE INITIAL
SETTING UP OF DIRECTION SIGHTS.
NOS. 1 AND 2.

Page 2.

above "Mountings, 9-3-in., Mark VII" insert
"SECTION I-AUTO SIGHTS"

Below last line insert "SECTION II-DIRECTION
SIGHTS" Page 12

Page 3. Before "INSTRUCTIONS" insert "1"

Page 15. After para. 114 add new section :—

II INSTRUCTIONS TO GUIDE THE INITIAL SETTING UP OF DIRECTION SIGHTS, NOS. 1 AND 2

26
Regulations
2106

Amdt. 1A
July, 1942

1. Fit cross wires to the gun muzzle and remove the lock.

2. Accurately line the gun (through the vent) on to a well-defined distant object.

3. Secure the gun at this bearing so that it is maintained for subsequent operations.

4. Set the drift correction pointer to the "A" factor (drift constant) for the service charge applicable, *i.e.* Full, H.V. or Super.

Note.—The "A" factors will be found tabulated on the plate, inscription drift settings, of the corrector D/C; when not thus available data should be obtained from the instructor in gunnery (R.A.).

5. Lay the gun, by clinometer, to maximum elevation shown on the converter and corrector table of angles and line the telescope on to the target by means of the deflection handwheel.

6. Slacken the securing bolt of the deflection scale plate and adjust the dial so that the pointer engraved on the spur wheel cover reads the RIGHT deflection corresponding to the drift angle applicable to the gun elevation.

7. Re-clamp the scale plate.

8. Depress the gun to the lowest elevation shown in the converter and corrector table of angles.

9. Turn the deflection scale plate, by operating the handwheel, to read the RIGHT deflection for drift corresponding to the gun elevation.

10. Remove the plate, locking eccentric bolt on the cam and slacken the two screws, securing cam.

11. Adjust the cam by means of the eccentric bolt until the telescope lines up on the target.

12. Secure the cam and replace the plate, locking eccentric bolt.

13. Repeat operation (5). If the dial reading has altered on lining up, due to the cam adjustment at (11), repeat adjustment (6) and (7).

14. Repeat operations (8) to (12).

15. Test the deflection scale plate reading at intermediate elevations given on the converter and corrector table of angles, lining the telescope on to the target in each case by means of the deflection handwheel.

16. Adjust the cam eccentric bolt, as necessary, to give a mean error throughout the range.

Note.—After lining up in this manner, when the dial is set to zero by means of the deflection handwheel, the correct LEFT deflection for drift for the Service charge will have been provided. For practice charges the drift correction pointer must be set to the appropriate "A" factor.

By Command of the Army Council,

J. D. D. D. D.

THE WAR OFFICE,
22nd July, 1942.

Notified in A.C.Is. 22nd July, 1942

NOT TO BE PUBLISHED

The information given in this document is not to be communicated, either directly or indirectly, to the Press or to any person not holding an official position in His Majesty's Service.

26
Regulations
2106

**REGULATIONS FOR ARMY
ORDNANCE SERVICES, PART II**

PAMPHLET No. 21, 1941

AMENDMENTS (No. 1A)

Title page.

Before "INSTRUCTIONS" *insert* "I".

Add:—

Amdt.1A
July, 1942

**II INSTRUCTIONS TO GUIDE THE INITIAL
SETTING UP OF DIRECTION SIGHTS,
NOS. 1 AND 2.**

26
Regulations
2106

Page 2.

Above "Mountings, 9.2-in., Mark VII" *insert*
"SECTION I—AUTO SIGHTS".

Below last line insert "SECTION II—DIRECTION
SIGHTS Page 15".

Page 3. *Before* "INSTRUCTIONS" *insert* "I".