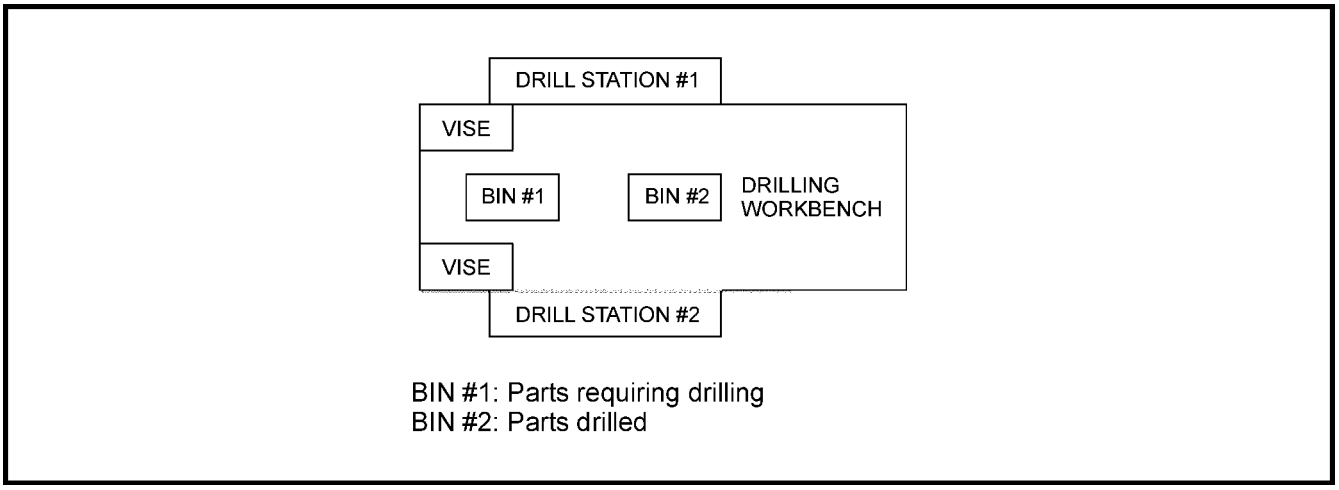
DRILL STATION ASSEMBLY LINE



Director Cadets 3, 2007, Ottawa, ON: Department of National Defence

Figure AA-1 Drill Station Assembly Line

For each aluminum model biplane to be constructed:

1. Drill a 3/32-inch hole in the centre of four bottle caps (to stock for wheels).
2. Drill a 3/32-inch hole in the centre of one can B-1 (Figure 17AA-2) (to stock for front fuselage).
3. Drill a 3/32-inch hole in the centre of one can P-2 (to stock for propeller).
4. Drill a 3/32-inch hole in the centre of one can P-1 (to stock for propeller face).
5. Get fuselage from stock.
6. Enlarge holes A, B and C in fuselage assembly to 3/32 inch (fuselage from stock).
7. Enlarge hole D in fuselage assembly to 1/16 inch (fuselage from stock).
8. Enlarge holes E and F in fuselage assembly to bolt size, as required.
9. Get top wing from stock.
10. Enlarge eight bolt holes in top wing for bolts as required (return top wing to stock).
11. Get fuselage and attached bottom wing from stock.
12. Enlarge four bolt holes in bottom wing as required (return fuselage and bottom wing to stock).
13. Insert under-wing panel (dimensions 2-5/8 inch by 8-1/8 inch) into right wing.

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Verify against the official publication.



D. P. Mathis, Building the B.C. Air Originals Biplane, B.C. Air Originals (p. 5)

Figure AA-2 The Fuselage Centre-Line Hole

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