

49TH BOMB WING

GROUP AND WING ASSEMBLY PROCEDURE

FOLLOWING PENETRATION OF OVERCAST OR FRONT

EXPLANATION

Procedure for assembly following ascent through overcast.

- A. Leader of last element of "D" box 12 minutes behind Group Leader.
- B. Point where lead group should have reassembled after 23 minutes from time Leader of first group reached 2,000 ft. above overcast.
- C. Line of flight of second and third groups of Wing. At point "C" these Group Leaders are 8 minutes behind leader of first group.
- D. Point where Group Leader reached 2,000 ft above overcast.
- E. Approximate point where leader of 2nd attack unit reached 1,200 ft above overcast.
- F. Point where 2nd and 3rd Group Leaders reach 2,000 ft. above overcast and begin assemblage.
- G. Point where Wing is reassembled 43 (plus) minutes after leader of Wing reaches 2,000 ft. above overcast.
- H. Individual wingmen and second element leaders must cut down distances on assembly patterns and join by visual contact.
- I. Lead group begins 360° 1/6th needle width left turn.
- J. After lead group is assembled lead group will fly straight ahead for five minutes holding 2,000 ft. above overcast. At end of five minutes lead group will begin 360° turn to the left using 1/6th needle width turn (5° bank). At completion of turn lead group continues on original course dog-legging, if necessary to permit following groups to catch up.

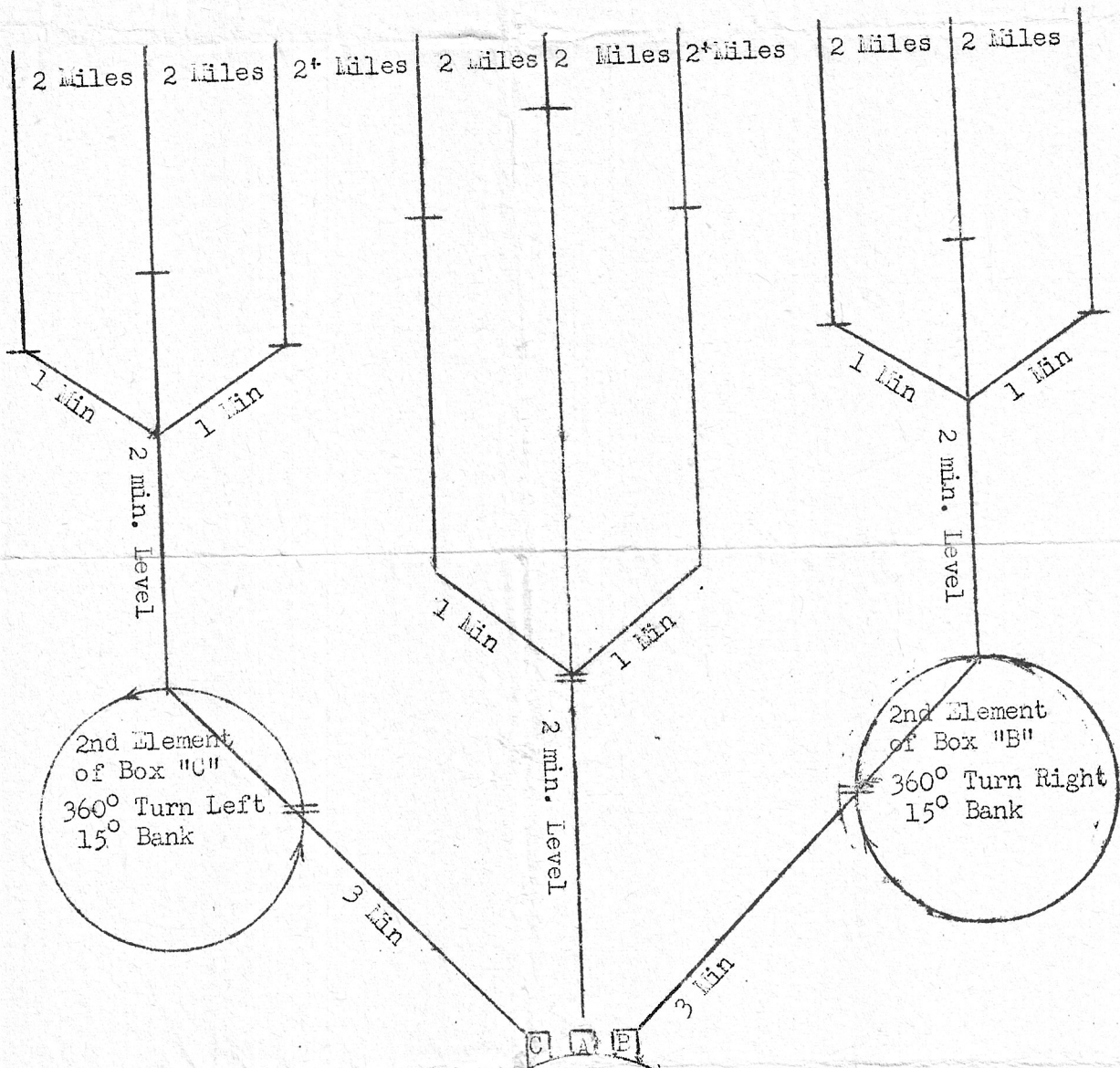
Changes in assembly procedure following penetration of front by combat Wing.

- A. Groups will increase differential in altitude to 2,000 ft.
- B. Group Leaders will fly for five minutes after passing through front before beginning timing for assemblage which will be same as for assemblage following penetration of overcast.

Following changes apply when descending combat Wing through overcast.

- A. Second group position itself at 1,000 ft. below overcast between points "F" and "G".
- B. Third group will descend to 3,000 ft. below overcast between points "F-1" and "G".

GROUP AND WING PROCEDURE FOR ASCENT  
OR DESCENT THROUGH OVERCAST



Group on left in wing 90° for 8'-24 miles

On course and carry out same.  
Group procedure as lead Group.  
Second attack unit make left  
turn.

1. Work level-flight part of problem at 160 MPH indicated.
2. Climb at indicated 155 MPH at 300 ft/min.
3. Descend at indicated 160 MPH at 400 ft/min-wheels down.

Group on right in wing 90° for 8'-24 mi

On course and carry out same  
Group procedure as lead Gr.  
Second attack unit make right  
turn.

- Lead element of 1st attack unit after 6 min.
- 2nd element of 1st attack unit after 6 min.
- + 2nd attack unit after 6 min.

2nd Element  
of Box "A"  
360° turn right  
15° bank

2nd attack unit of Group  
360° turn right bank

