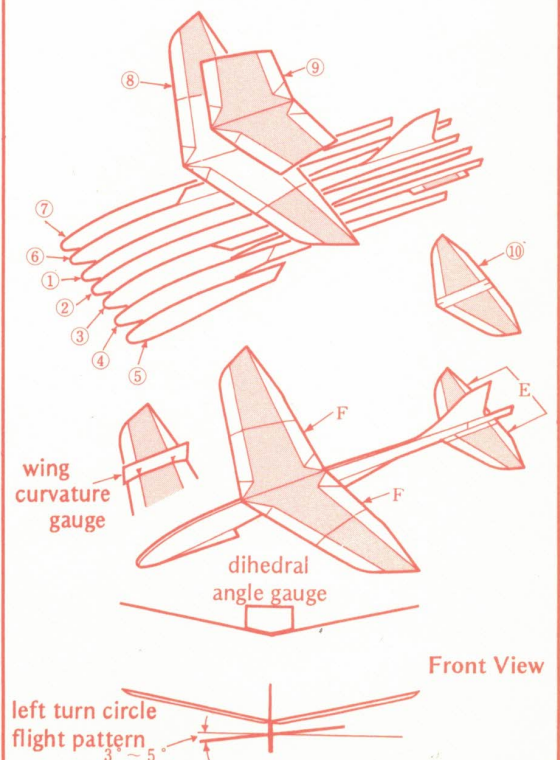**K828**

1. Crease fold lines with stylus or similar tool.
2. Use appropriate glue.
3. Correct any twist in fuselage or wings. Ascertain accuracy of dihedral angle with gauge.
4. If nose is too heavy, slightly lower aileron area of main wings (F). If it is too light, slightly lower elevators (E).
5. If you are going to use sling launching, make all corrections during hand launch testing.
6. Fly your model in safe area.

Assembling Order

wing curvature gauge

dihedral angle gauge

Front View

left turn circle flight pattern

3° ~ 5°

Stand

cut out

⑨

② + ③

⑩

— · — · — fold out

— — — — fold in

K828

Stand

③ ③+④

④ ④+⑤

⑦

CG

E5705

⑤

CG

back side to #1

back side to #6
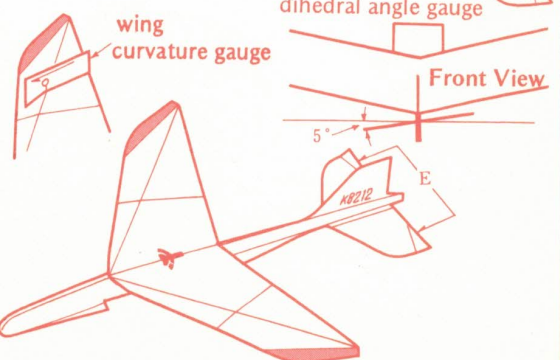
wing curvature gauge

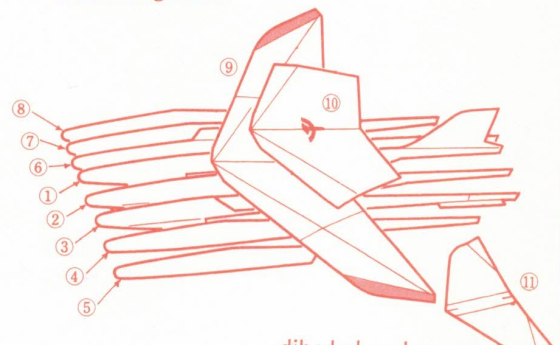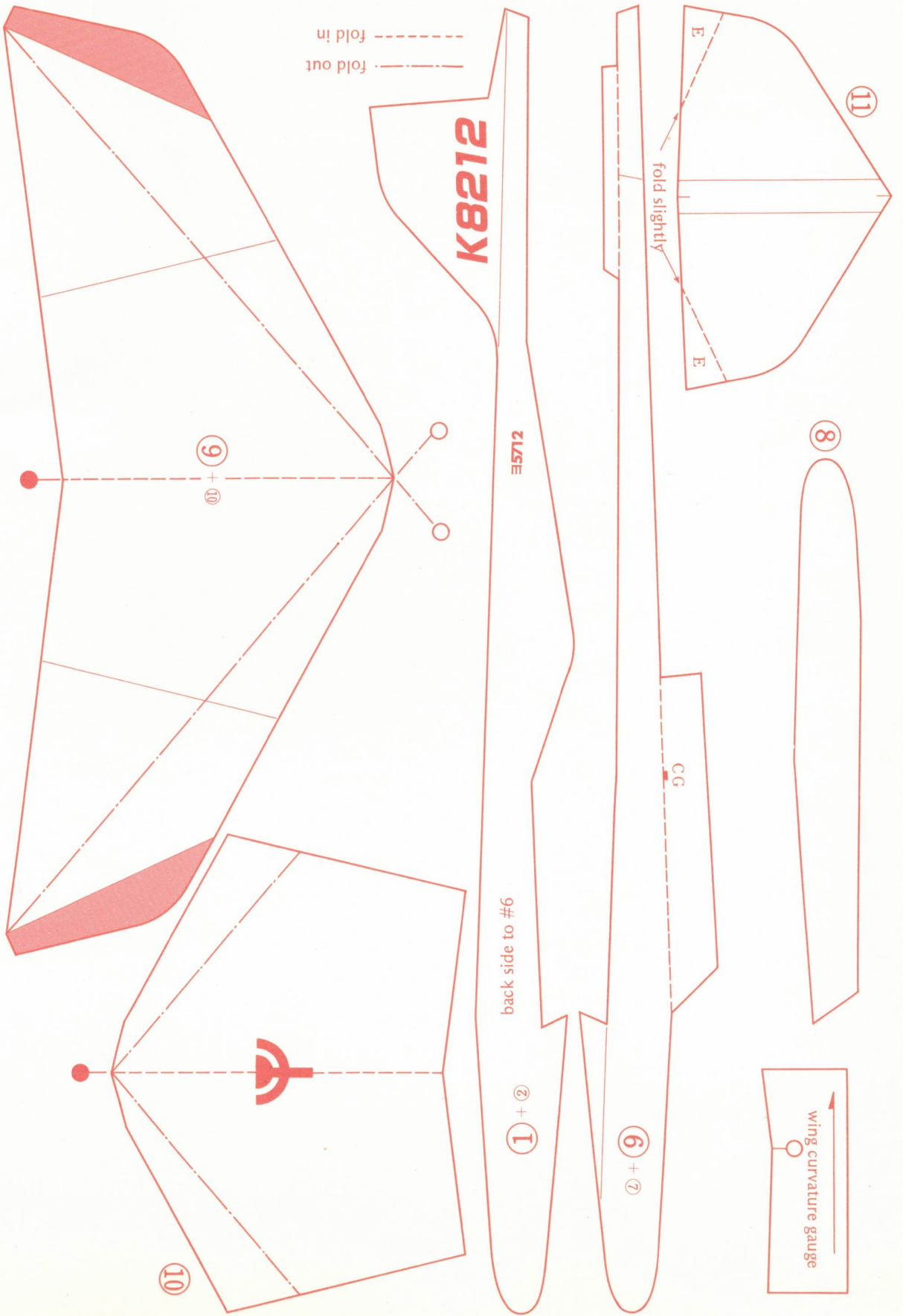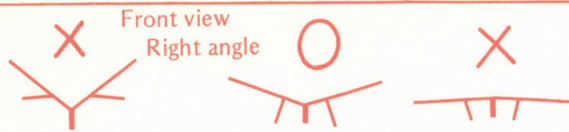dihedral angle gauge

⑥ ⑥+⑦

① ①+②

⑧ ⑧+⑨
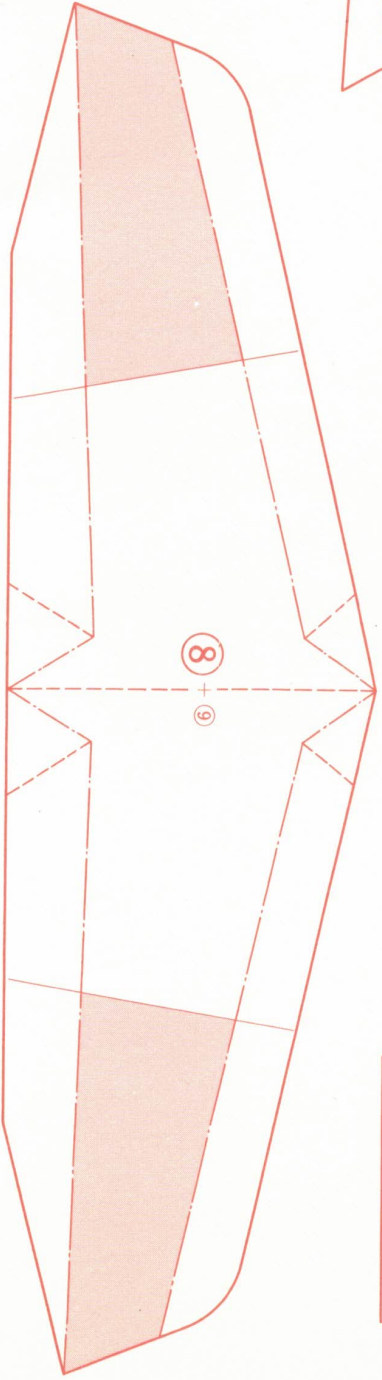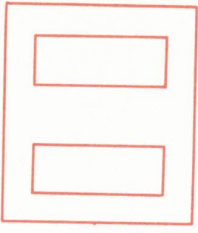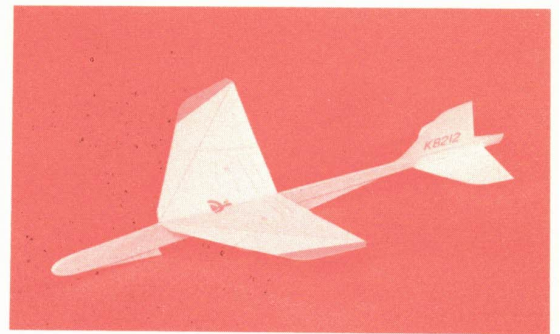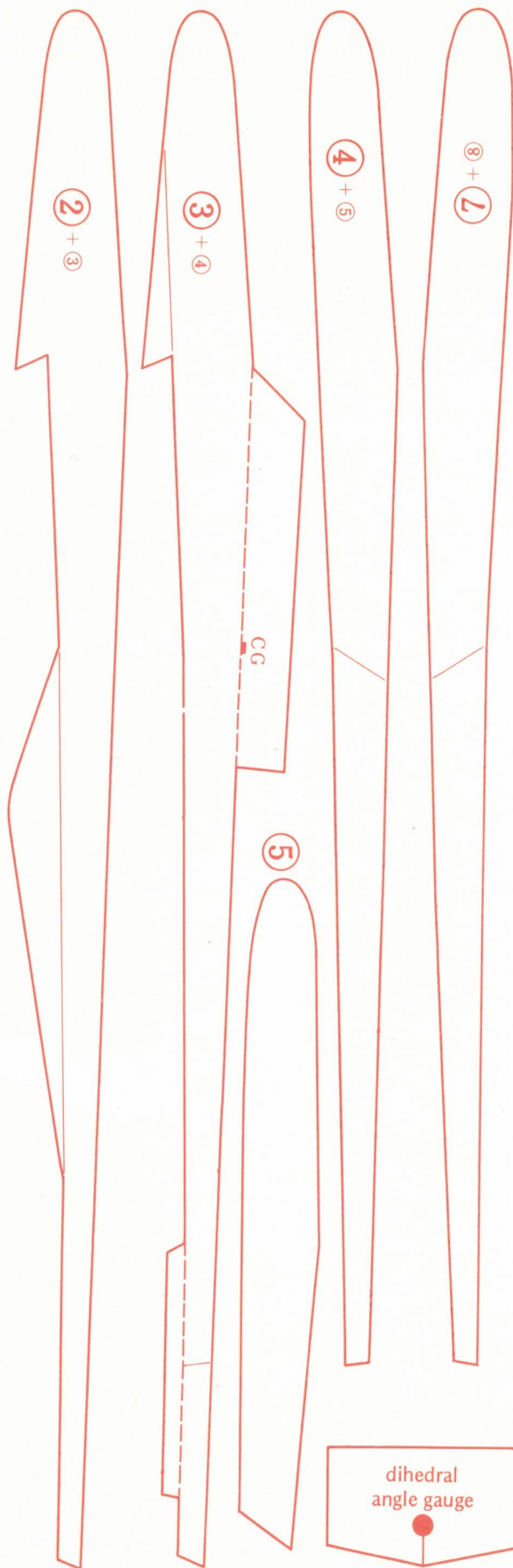
K8212

1. Crease fold lines with stylus or similar tool.
2. Use appropriate glue.
3. Correct any twist in fuselage or wings. Ascertain accuracy of dihedral angle with gauge.
4. If nose is too heavy, slightly raise elevators (E).
5. If you are going to use sling launching, make all corrections during hand launch testing. Launch model straight up with strong rubber band.
6. Add extra glue to nose to strengthen it.
7. Fly your model in safe area.
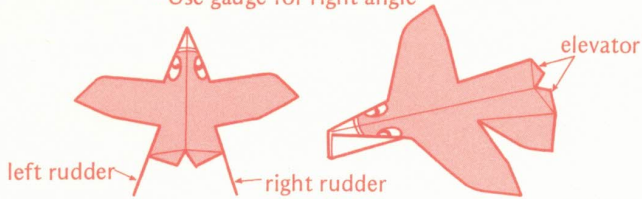
Assembling Order

wing curvature gauge

dihedral angle gauge

Front View

5°

E

dihedral angle gauge

2 +3

3 +4

4 +5

7 +8

CG

5

K8212

E5712

fold in - - - - -
fold out - · - · -

back side to #6

① + ②

⑥ + ⑦

CG

fold slightly

E

E

⑪

⑧

⑨
+ ⑩

⑩

wing curvature gauge

Front view
Right angle

*Use gauge for right angle

elevator

left rudder   right rudder

LITTLE SPARROW
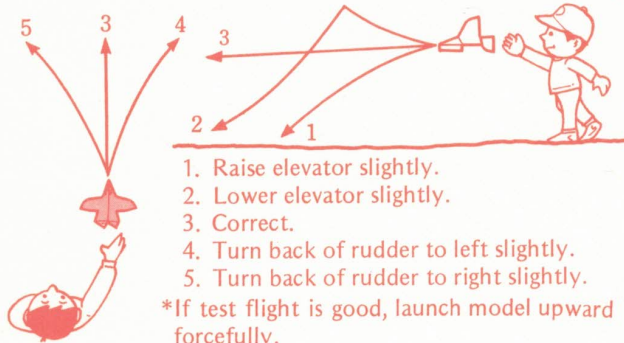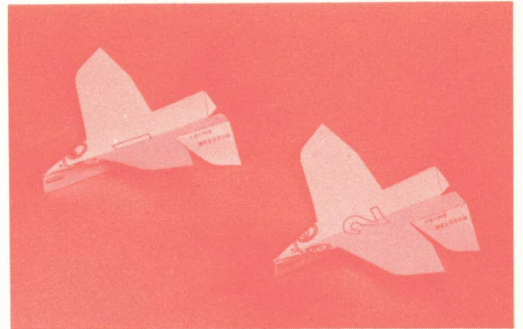
How to Fly

1. Raise elevator slightly.
2. Lower elevator slightly.
3. Correct.
4. Turn back of rudder to left slightly.
5. Turn back of rudder to right slightly.

*If test flight is good, launch model upward forcefully.
*Fly your model in a large area where there is no wind.

Games to Play
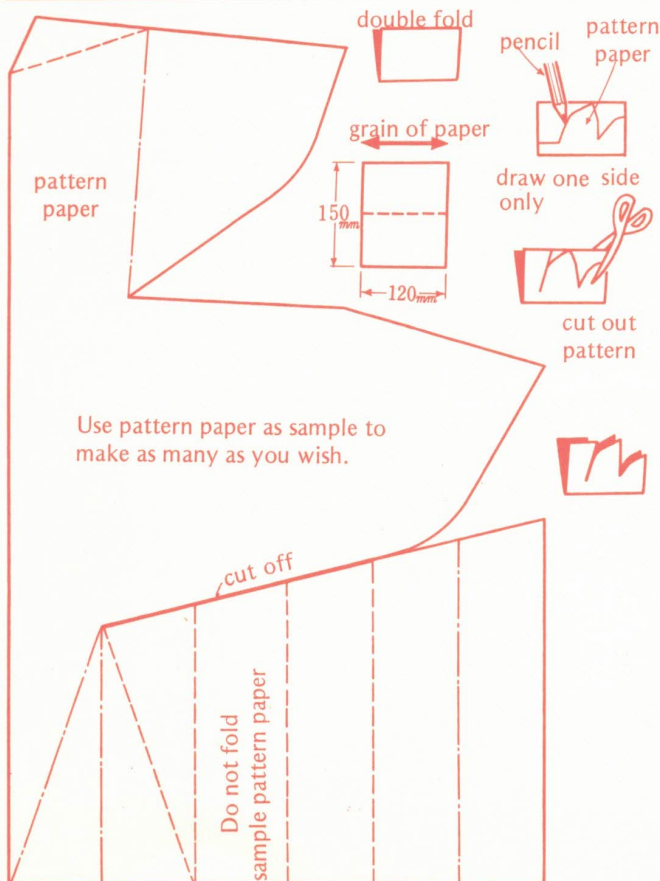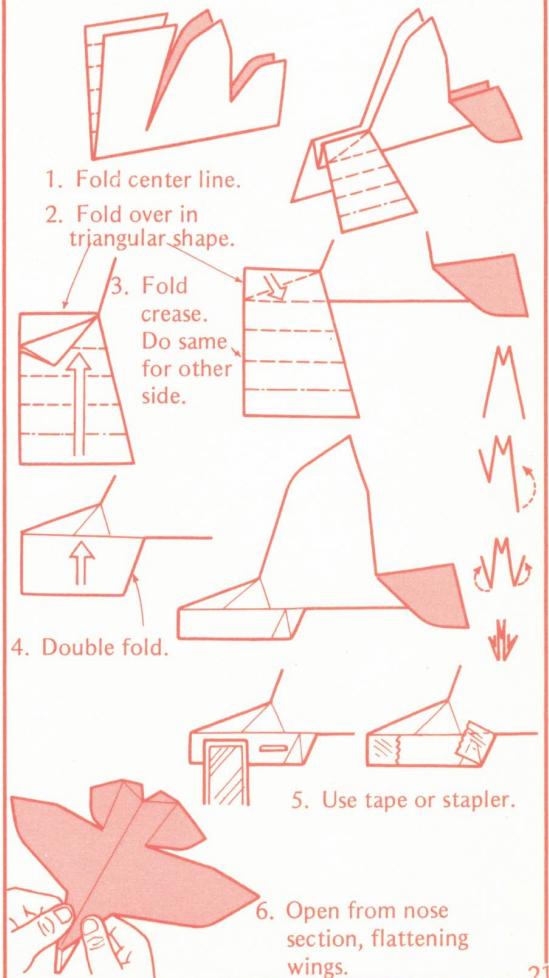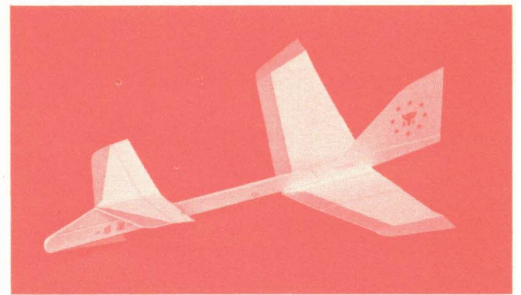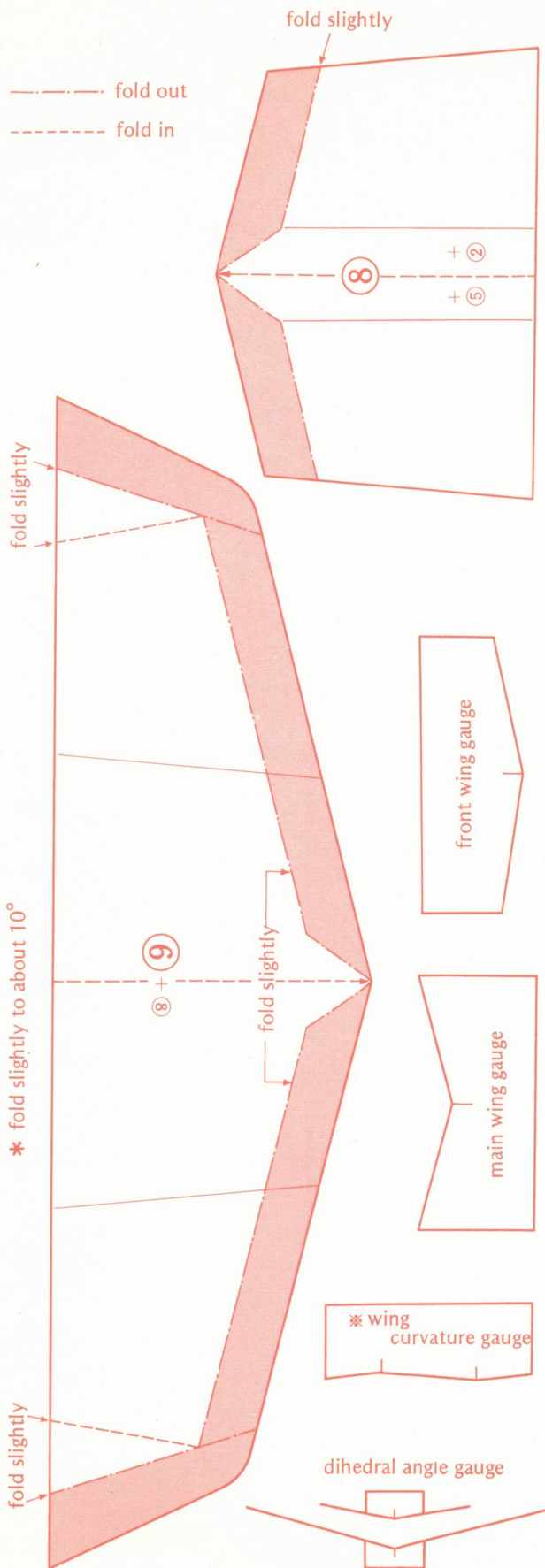1. Endurance contest.
2. Longest flight.
3. Landing strip.

Features:
1. Small area for flight.
2. No glue. Use cellophane tape or stapler to assemble.
3. Many copies may be made.

Assembly:
1. Crease fold lines with stylus.
2. Follow folding order as illustrated.
   Incorrect order may result in incomplete model.

1. Fold center line.

2. Fold over in triangular shape.

3. Fold crease. Do same for other side.

4. Double fold.

5. Use tape or stapler.

6. Open from nose section, flattening wings.

double fold

pencil   pattern paper

grain of paper

draw one side only

pattern paper

150 mm

120 mm

cut out pattern

Use pattern paper as sample to make as many as you wish.

cut off

Do not fold sample pattern paper

21

fold slightly

—·—·—· fold out

- - - - - fold in

PLANET

8

+ ②
+ ⑤

fold slightly

fold slightly

9

+
⑧

✱ fold slightly to about 10°

fold slightly

front wing gauge

main wing gauge
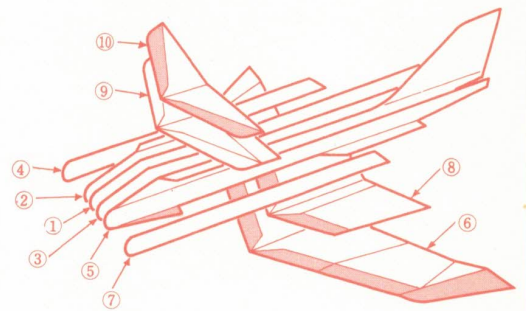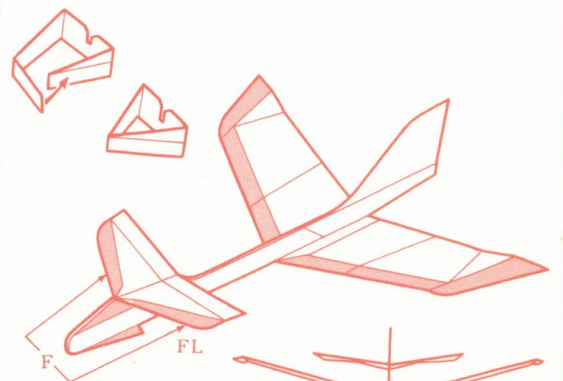
✱ wing
curvature gauge

dihedral angle gauge

fold slightly

1. Crease fold lines with stylus or other tool.
2. Use appropriate glue.
3. Correct twist and angles of fuselage and wings with gauges.
4. If nose is heavy, slightly raise front of (F), stabilizer. Do opposite if nose is too light.
5. For model to fly in left circles, lower front left section (FL) of stabilizer.
6. Use sling launching after all adjustments are made.
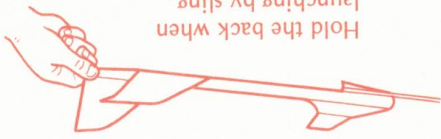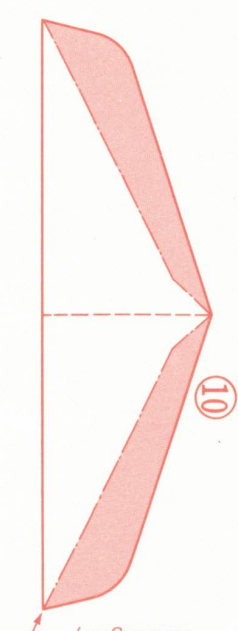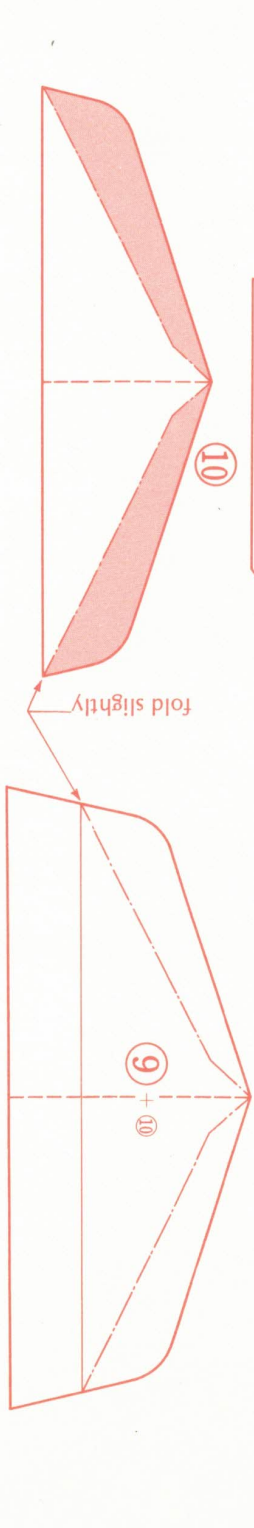7. Fly your model in safe area.

Assembling Order

⑩
⑨
④
②
①
③
⑤
⑦
⑧
⑥

Stand

F   FL

Front View

29

Use stand.

Hold the back when
launching by sling.

When test-flying, hold where
the center of gravity is.

④

⑦

CG

CG

Ⅱ5505

glue

stand

PLANET

PLANET

back side to #2

⑩

fold slightly

back side to #1

②
+④

⑨

⑩
+

①
+③

③
+⑤

⑤
+⑦
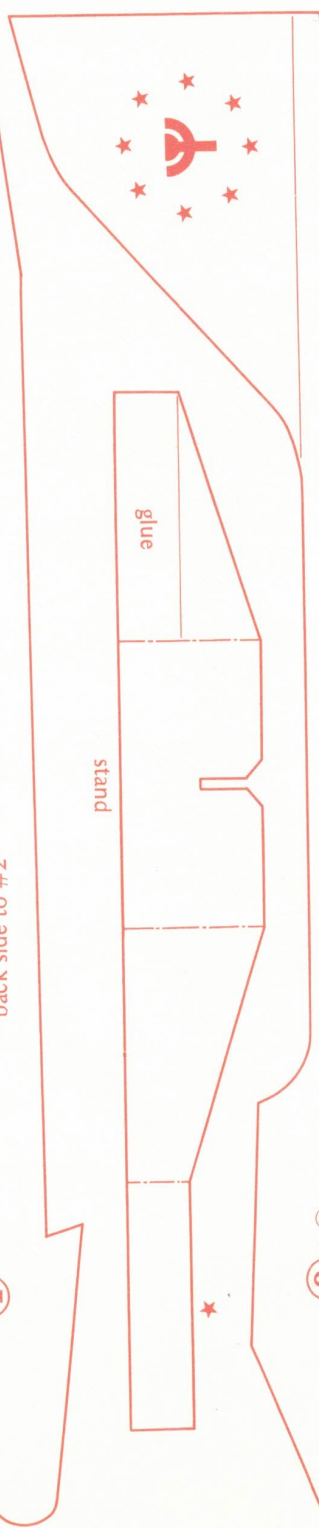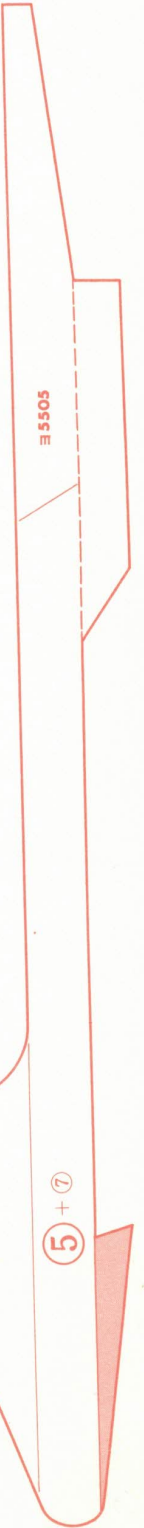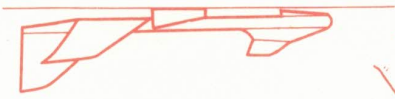
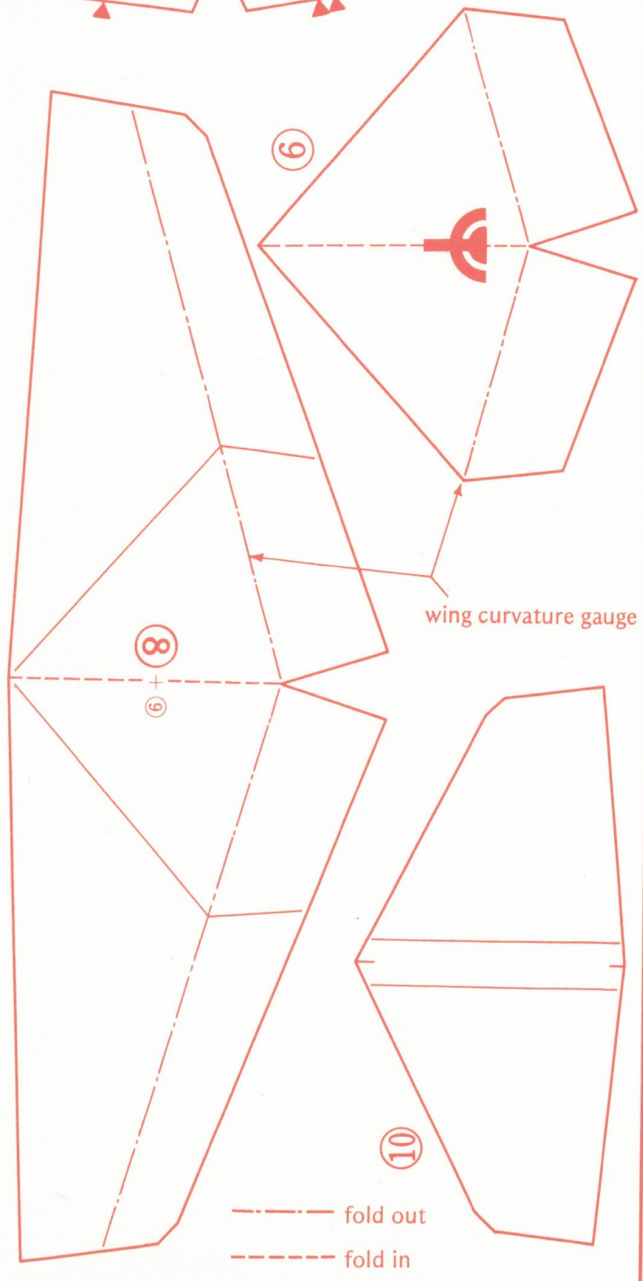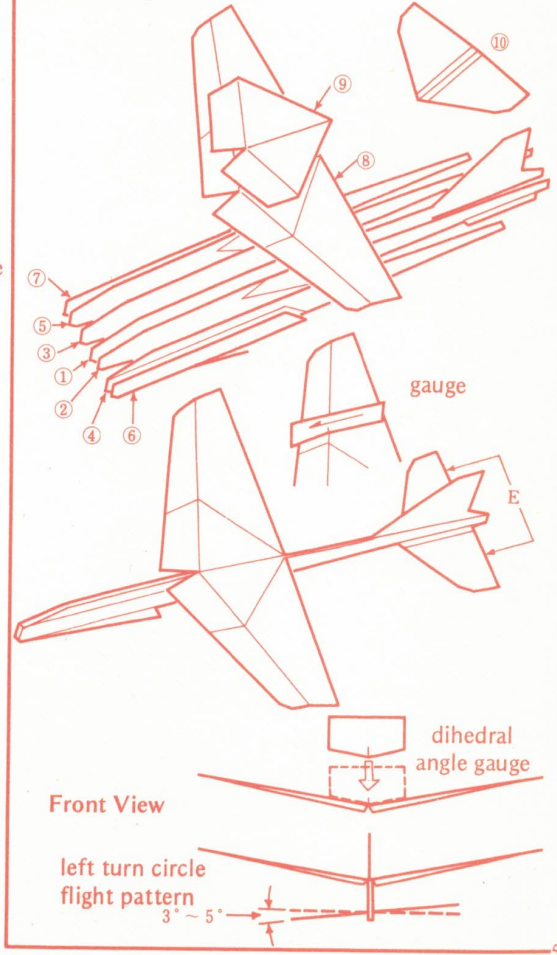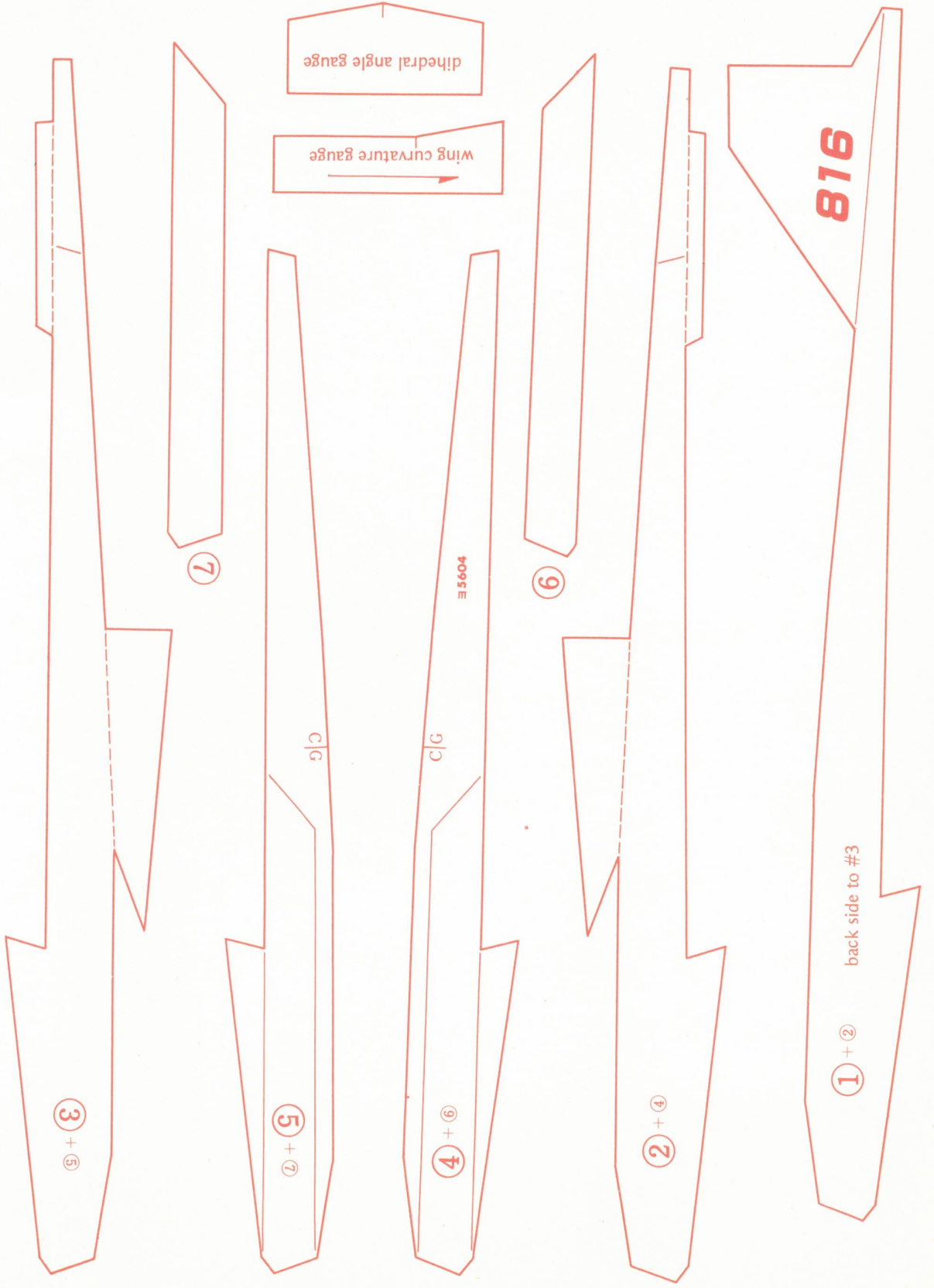**Stand**
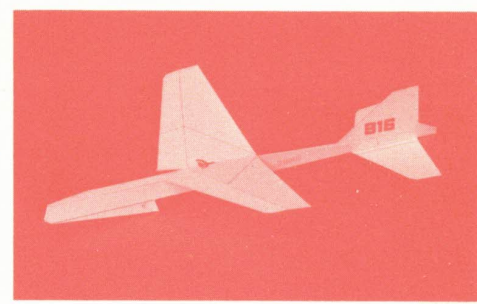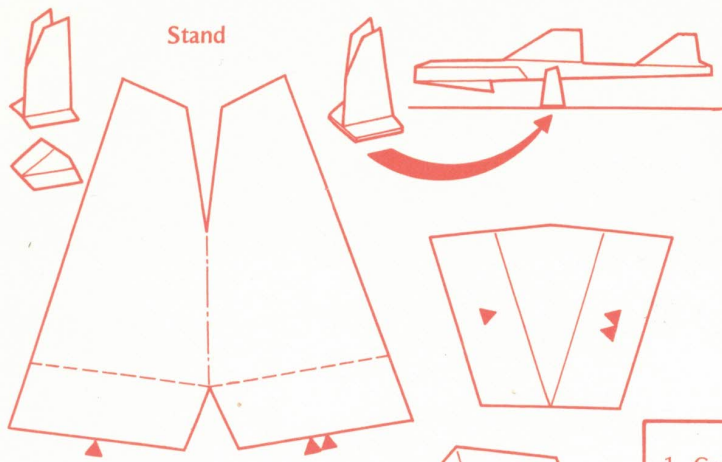
SKY CHALLENGER 816

1. Crease fold lines with stylus or similar tool.
2. Use appropriate glue.
3. Correct any twist in fuselage or wings. Ascertain accuracy of dihedral angle with gauge.
4. If nose is too heavy, slightly raise elevators (E). If it is too light, lower elevators.
5. If you are going to use sling launching, make all corrections during hand launch testing.
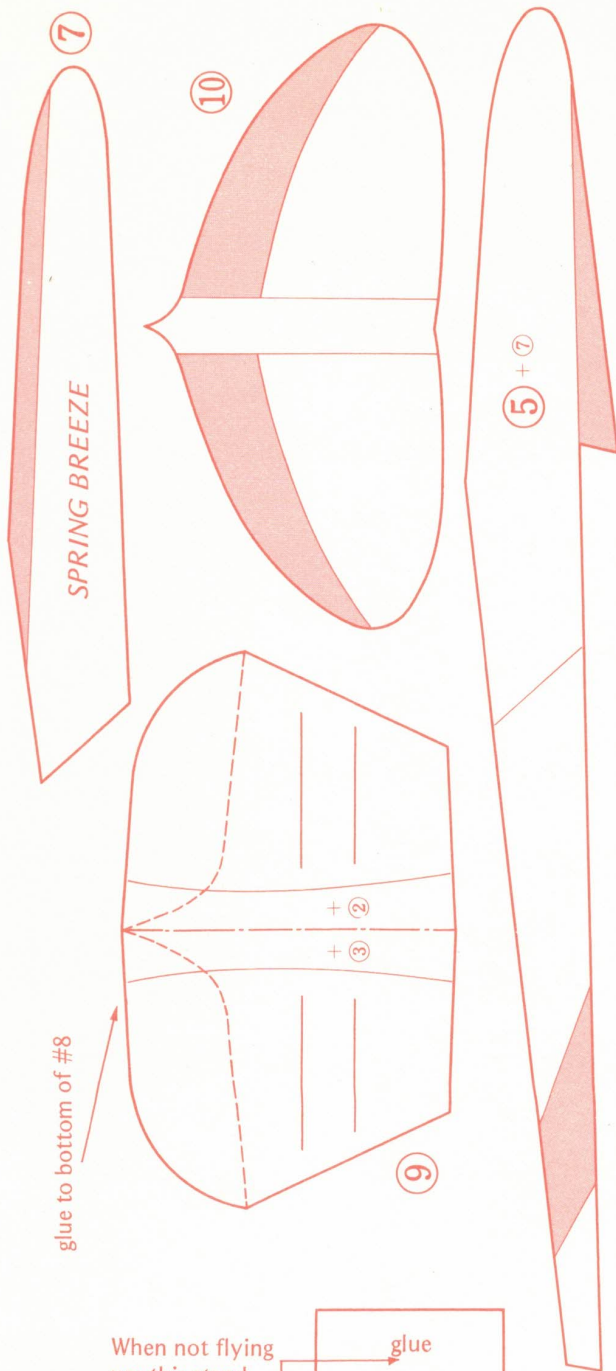6. Fly your model in safe area.

Assembling Order

⑥

wing curvature gauge

⑧

⑨

⑩

gauge

E

dihedral angle gauge

Front View

left turn circle flight pattern

3° ~ 5°

——·—— fold out

—————— fold in

816

dihedral angle gauge

wing curvature gauge →

⑦

Ξ5604

⑥

C|G

C|G

③
+⑤

⑤
+⑦

④
+⑥

②
+④

①
+②

back side to #3

⑦

⑩

SPRING BREEZE

⑤ + ⑦

glue to bottom of #8

+ ②

+ ③

⑨

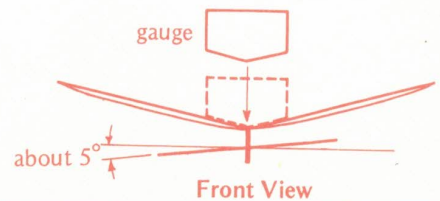When not flying use this stand
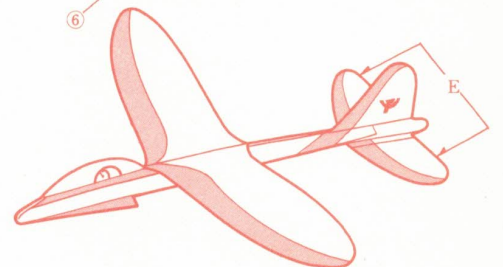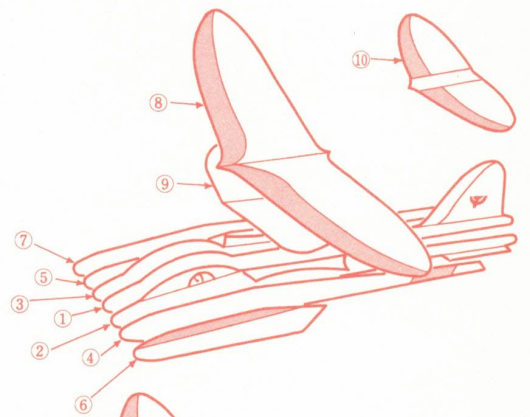
glue

Stand
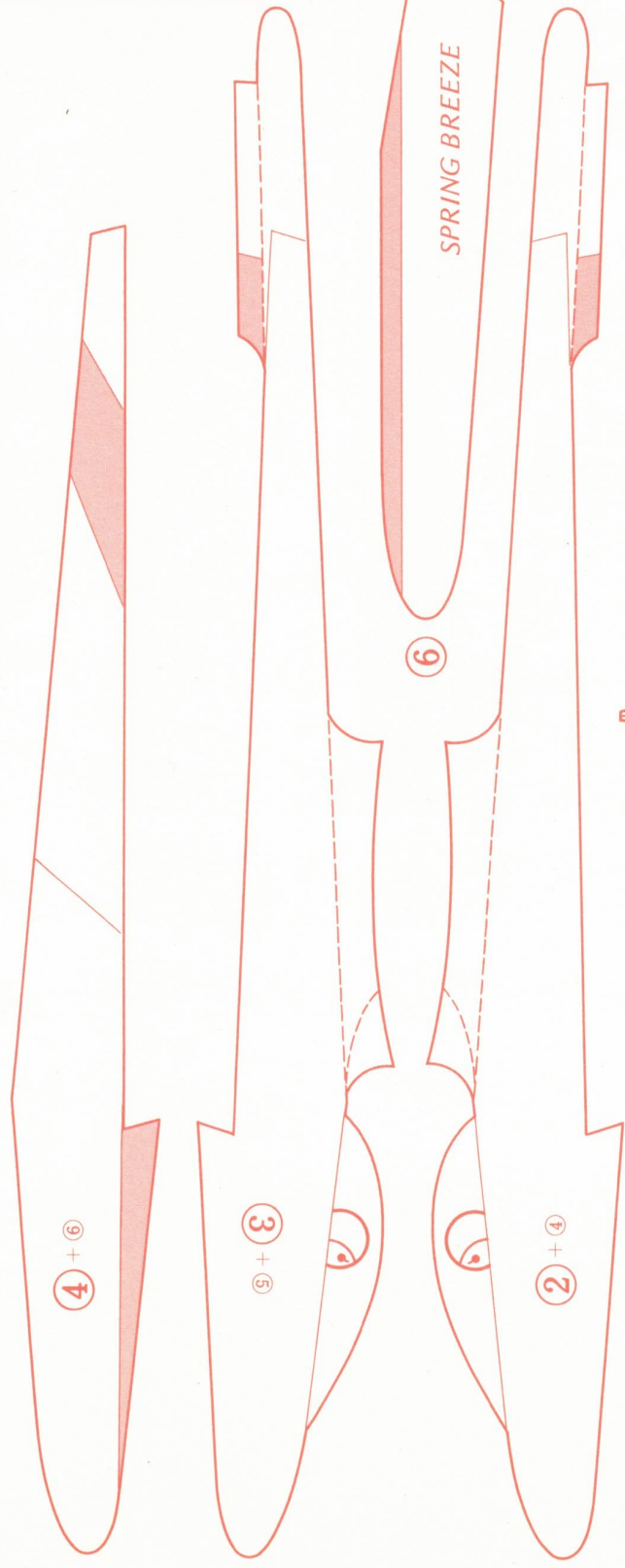
glue

completed stand

cut out
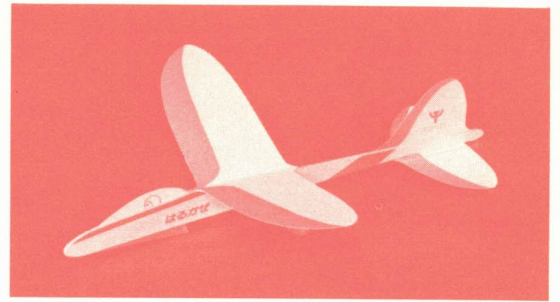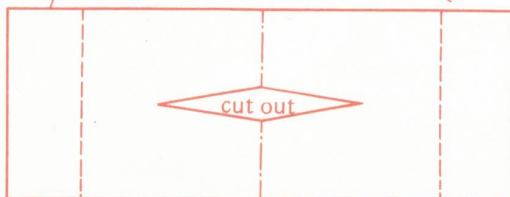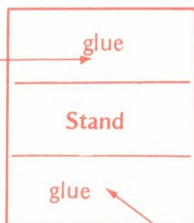
SPRING BREEZE

Features: A. Can be used for endurance flying.
B. Can be launched by sling also.

1. Crease fold lines with stylus or other tool.
2. Use appropriate glue.
3. Correct twist and angles of fuselage and wings with gauges.
4. If nose is heavy, slightly raise elevator. Do opposite if nose is light.
5. Use sling launching after all adjustments are made.
6. Fly your model in safe area.

Assembling Order

⑧
⑩
⑨
⑦
⑤
③
①
②
④
⑥

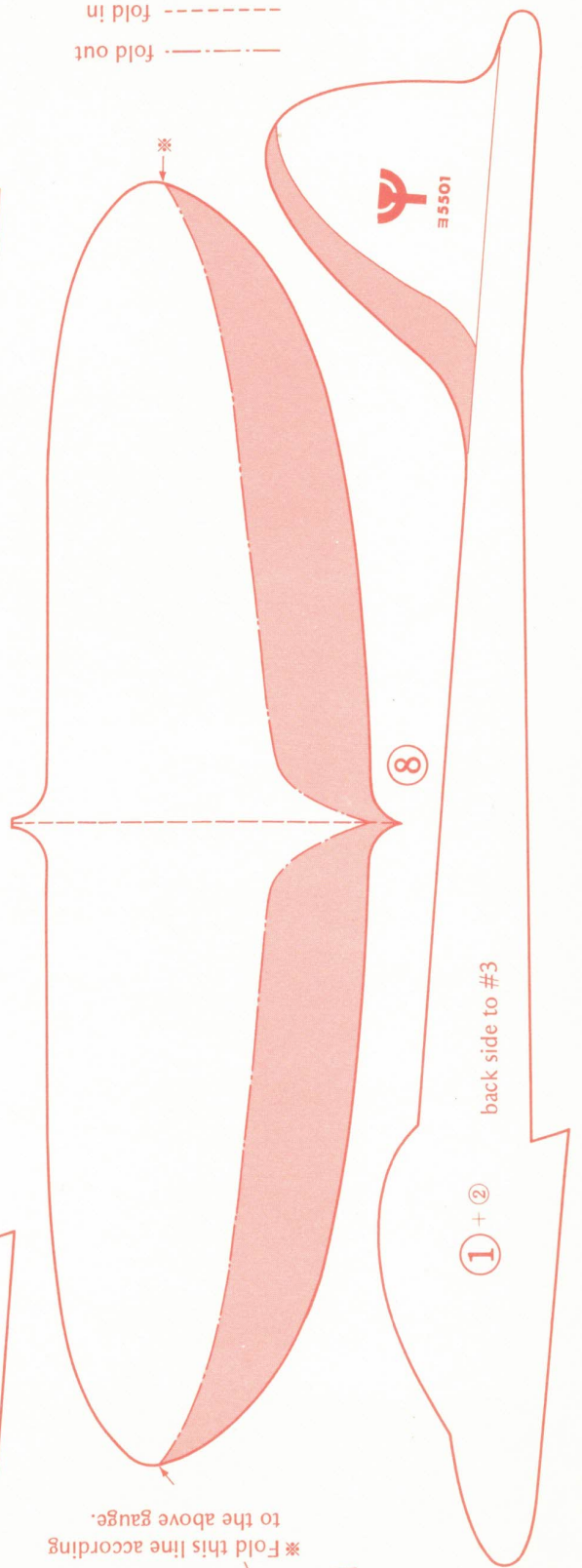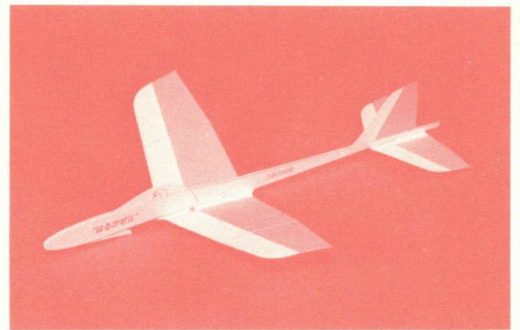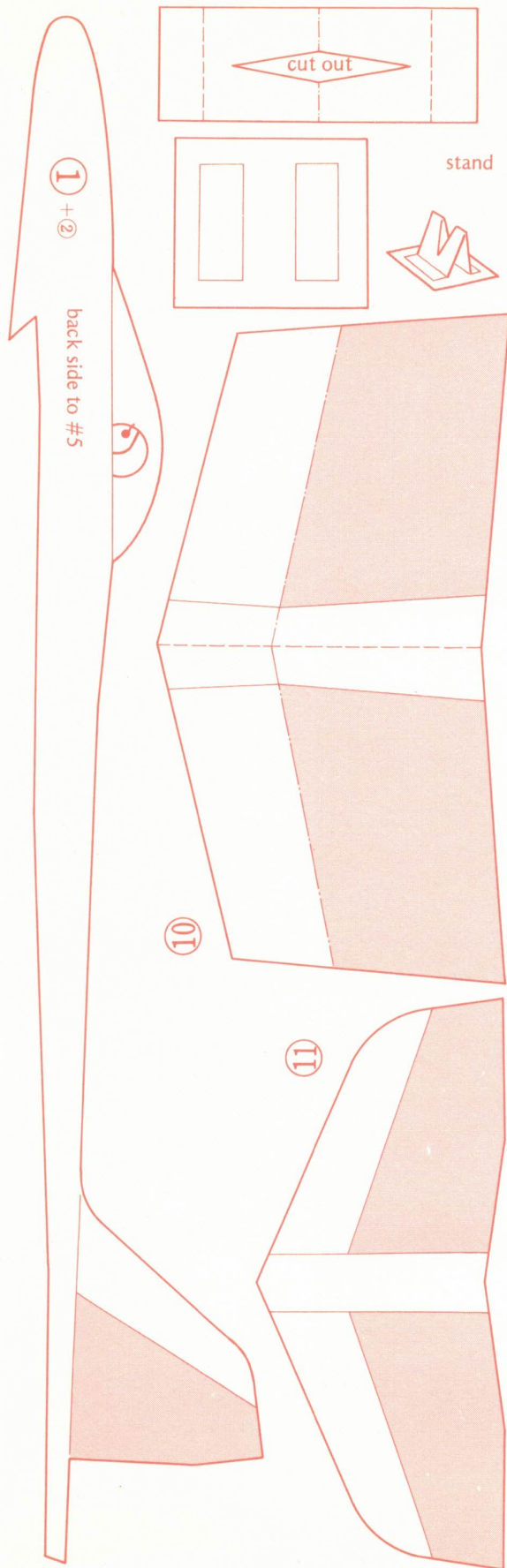E

gauge

about 5°

Front View

33

dihedral angle gauge

fold in - - - - -
fold out - · - · -

※

⑨

SPRING BREEZE

Ｅ5501

⑥

⑧

back side to #3

④ + ⑨

③ + ⑤

② + ④

① + ②

※ Fold this line according
to the above gauge.

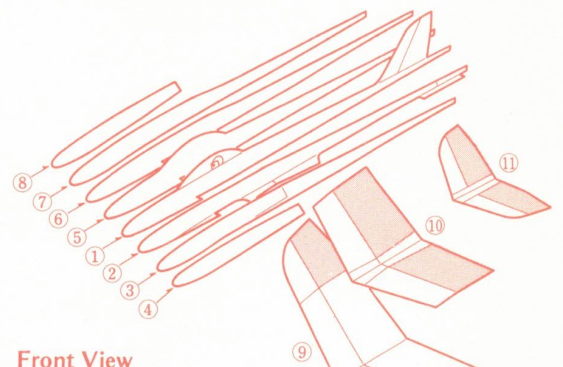wing curvature gauge

cut out

stand

①
+②

back side to #5

⑩

⑪

SPRING BREEZE II

1. It is important you be patient and carefully assemble your model airplane as well as make all proper adjustments. Incorrect assembly results in poor flight.
2. Crease fold lines with stylus or other tool.
3. Use appropriate glue.
4. Correct any twist in fuselage or wings. Ascertain accuracy of dihedral angle with gauge.
5. If nose is heavy, slightly raise elevator. Do opposite if nose is light.
6. Fly your model in safe area.

Assembling Order

⑧ ⑦ ⑥ ⑤ ① ② ③ ④ ⑪ ⑩ ⑨

Front View

dihedral angle gauge

3°~5°

wing curvature gauge

E

37

wing curvature gauge

dihedral angle gauge

SPRING BREEZE II

SPRING BREEZE II

CG

CG

Ǝ6004

③ +④

④

⑧ +⑦

⑨ +⑥

②

② +③

⑦ +⑧

⑨

⑥ +⑩

⑧

fold in ------

fold out ------