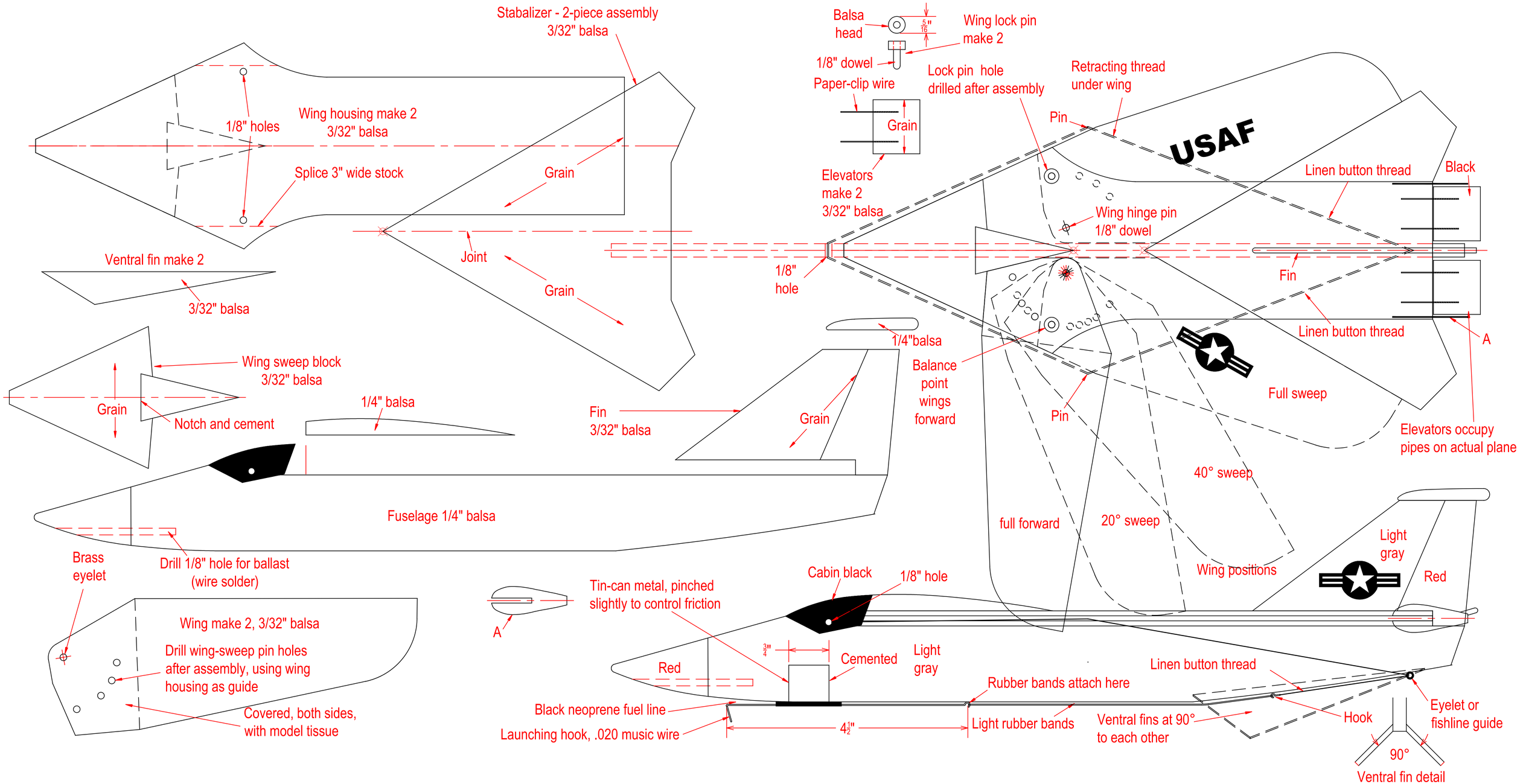
Stabalizer - 2-piece assembly
3/32" balsa
1/8" holes
Wing housing make 2
3/32" balsa
Splice 3" wide stock
Grain
Joint
Grain
Ventral fin make 2
3/32" balsa
Wing sweep block
3/32" balsa
Grain
Notch and cement
1/4" balsa
Fin
3/32" balsa
Grain
1/4"balsa
Fuselage 1/4" balsa
Drill 1/8" hole for ballast
(wire solder)
Brass
eyelet
Wing make 2, 3/32" balsa
Drill wing-sweep pin holes
after assembly, using wing
housing as guide
Covered, both sides,
with model tissue
Balsa
head
5/16"
Wing lock pin
make 2
1/8" dowel
Paper-clip wire
Grain
Elevators
make 2
3/32" balsa
Lock pin hole
drilled after assembly
Retracting thread
under wing
Pin
USAF
Linen button thread
Black
Wing hinge pin
1/8" dowel
1/8"
hole
Fin
Linen button thread
A
Balance
point
wings
forward
Pin
Full sweep
Elevators occupy
pipes on actual plane
40° sweep
full forward
20° sweep
Wing positions
Light
gray
Red
A
Tin-can metal, pinched
slightly to control friction
Cabin black
1/8" hole
3/4"
Cemented
Light
gray
Red
Rubber bands attach here
Linen button thread
Black neoprene fuel line
Launching hook, .020 music wire
4 1/2"
Light rubber bands
Ventral fins at 90°
to each other
Hook
Eyelet or
fishline guide
90°
Ventral fin detail