

Lower Right Wing

Compression struts
Anti-drag cables

Compression struts
Anti-drag cables
Landing wire attach (rear view only;
front inside leading edge cover)

8

7

6

5

4

1

3

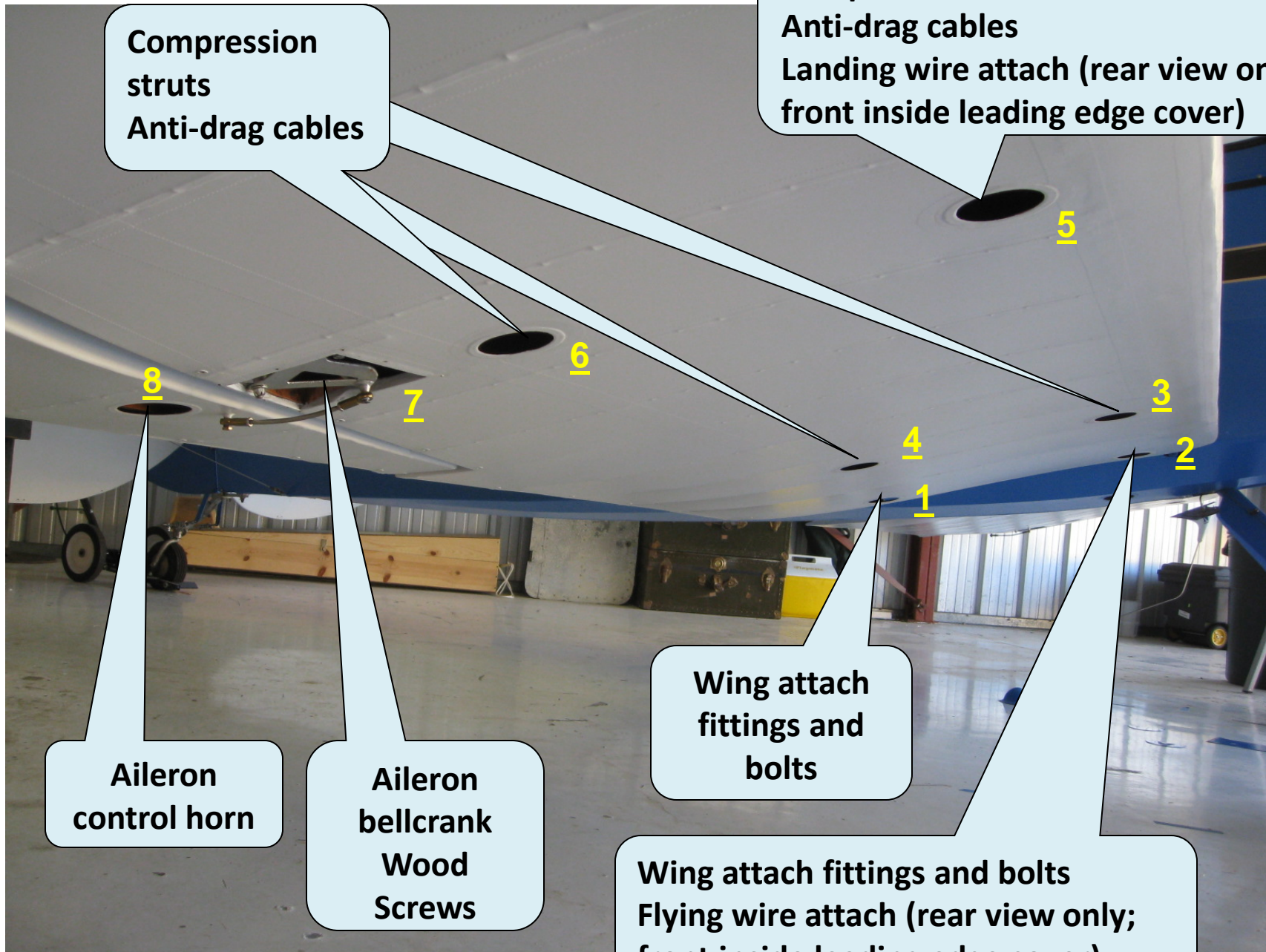
2

Aileron control horn

Aileron bellcrank
Wood Screws

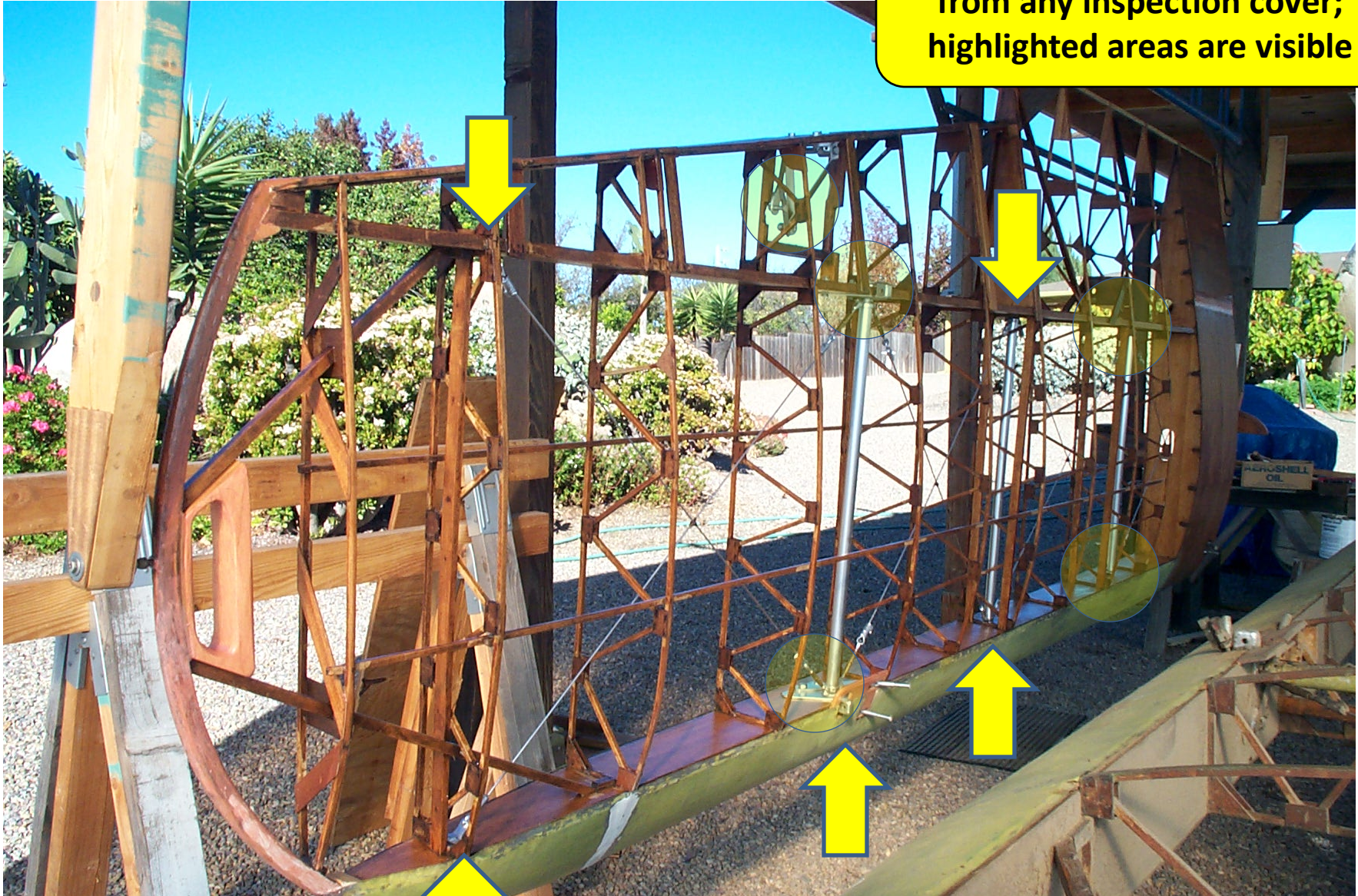
Wing attach fittings and bolts

Wing attach fittings and bolts
Flying wire attach (rear view only;
front inside leading edge cover)



Lower Right Wing

Arrows indicate points not visible from any inspection cover; highlighted areas are visible



Locations pointed to here are not visible from any inspection cover. In some cases it is because the aluminum leading edge cover encloses it and there is no inspection hole in the aluminum cover. In other cases (e.g., where anti-drag cables tie in at the wing tip) there simply is no inspection cover.

Locations indicated by the yellow circles are visible from the inspection holes

Lower Right Wing



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Locations indicated by the yellow circles are visible from the inspection holes

Lower Left Wing

Compression struts
Anti-drag cables
Landing wire attach (rear view only;
front inside leading edge cover)

Aileron
bellcrank
(Wood Screws)

13

14

15

16

Compression
struts
Anti-drag cables

Aileron
control horn

11

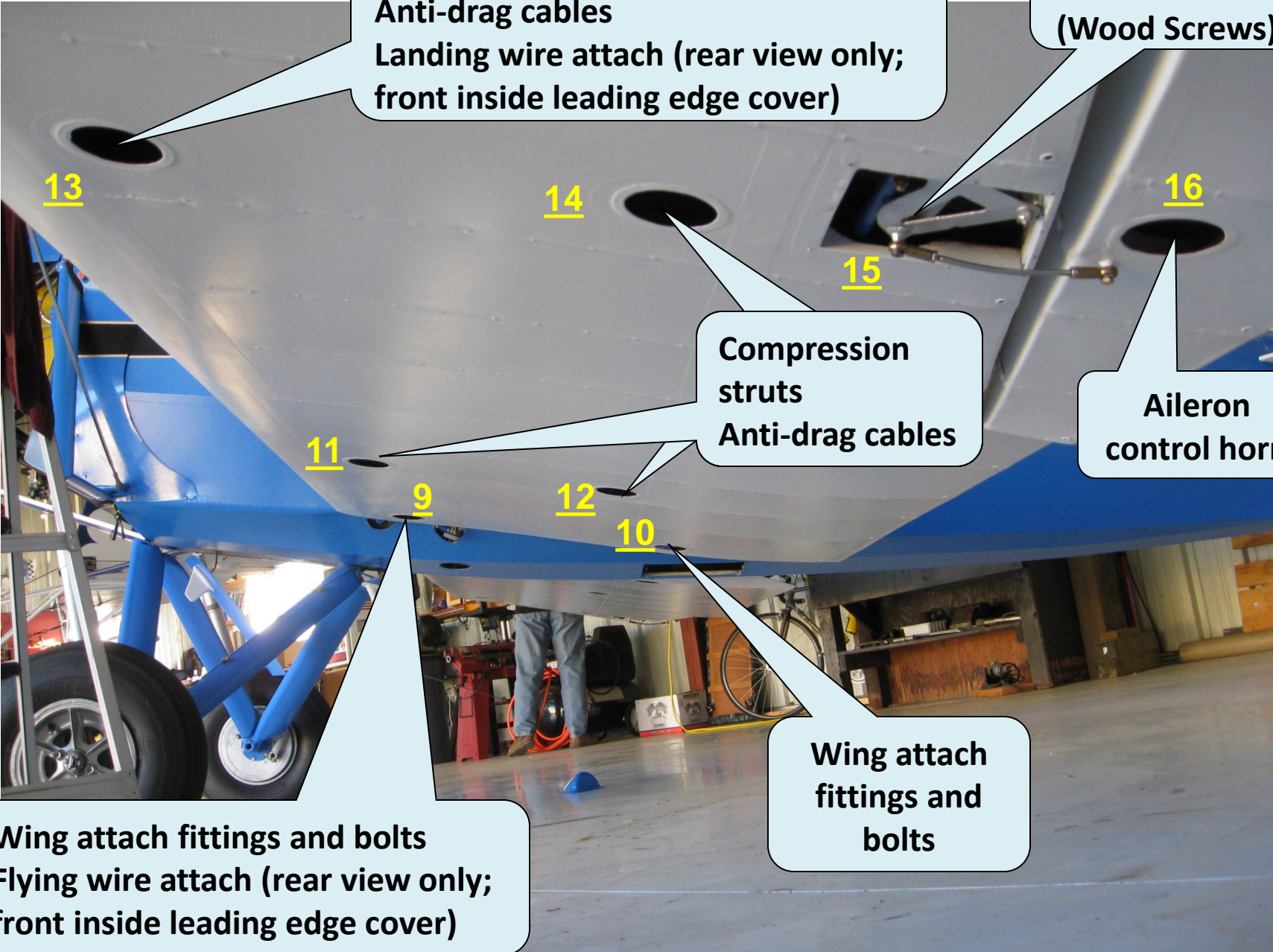
9

12

10

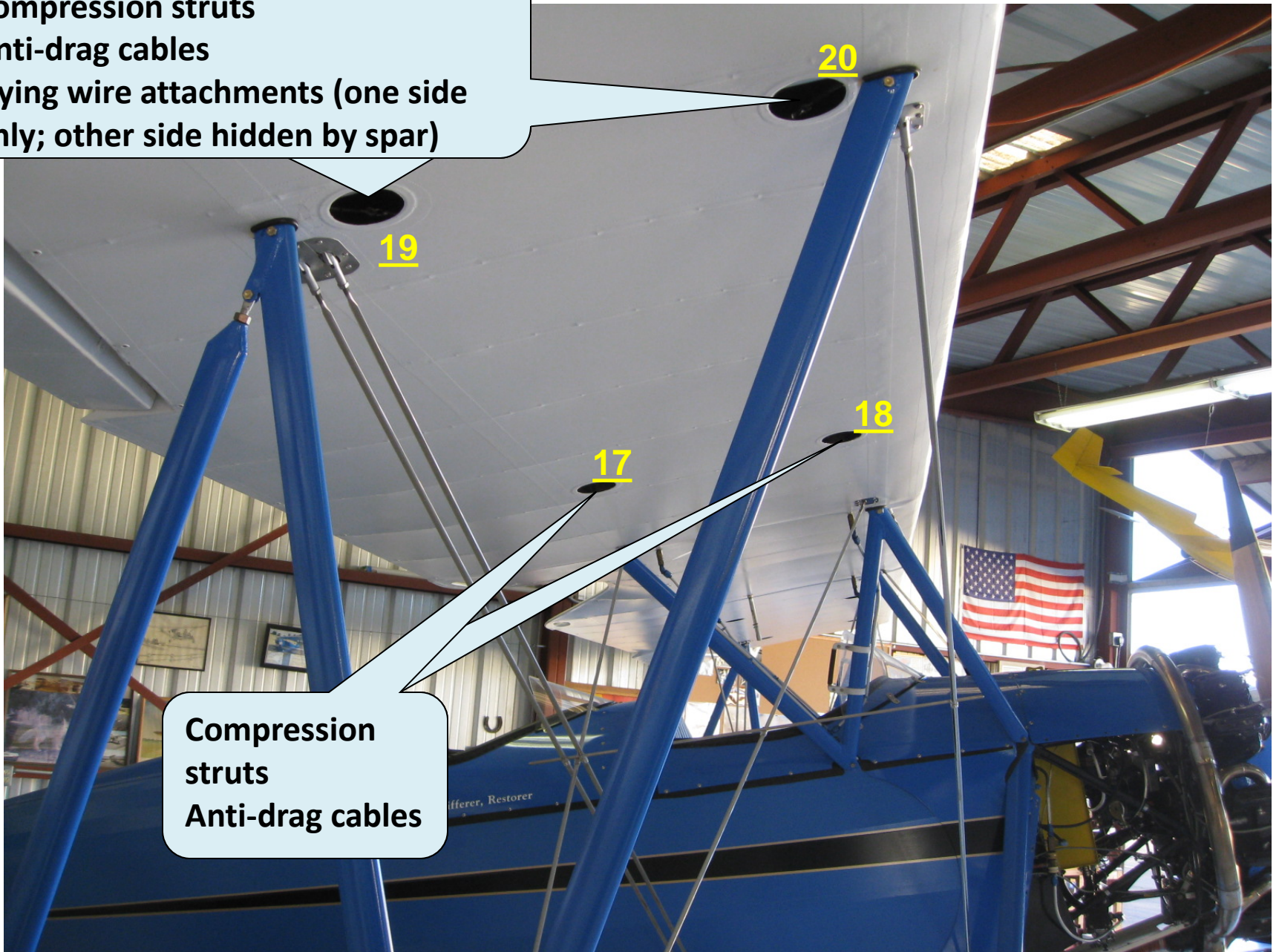
Wing attach fittings and bolts
Flying wire attach (rear view only;
front inside leading edge cover)

Wing attach
fittings and
bolts



Upper Right Wing

Compression struts
Anti-drag cables
Flying wire attachments (one side only; other side hidden by spar)



Compression struts
Anti-drag cables

19

17

18

20



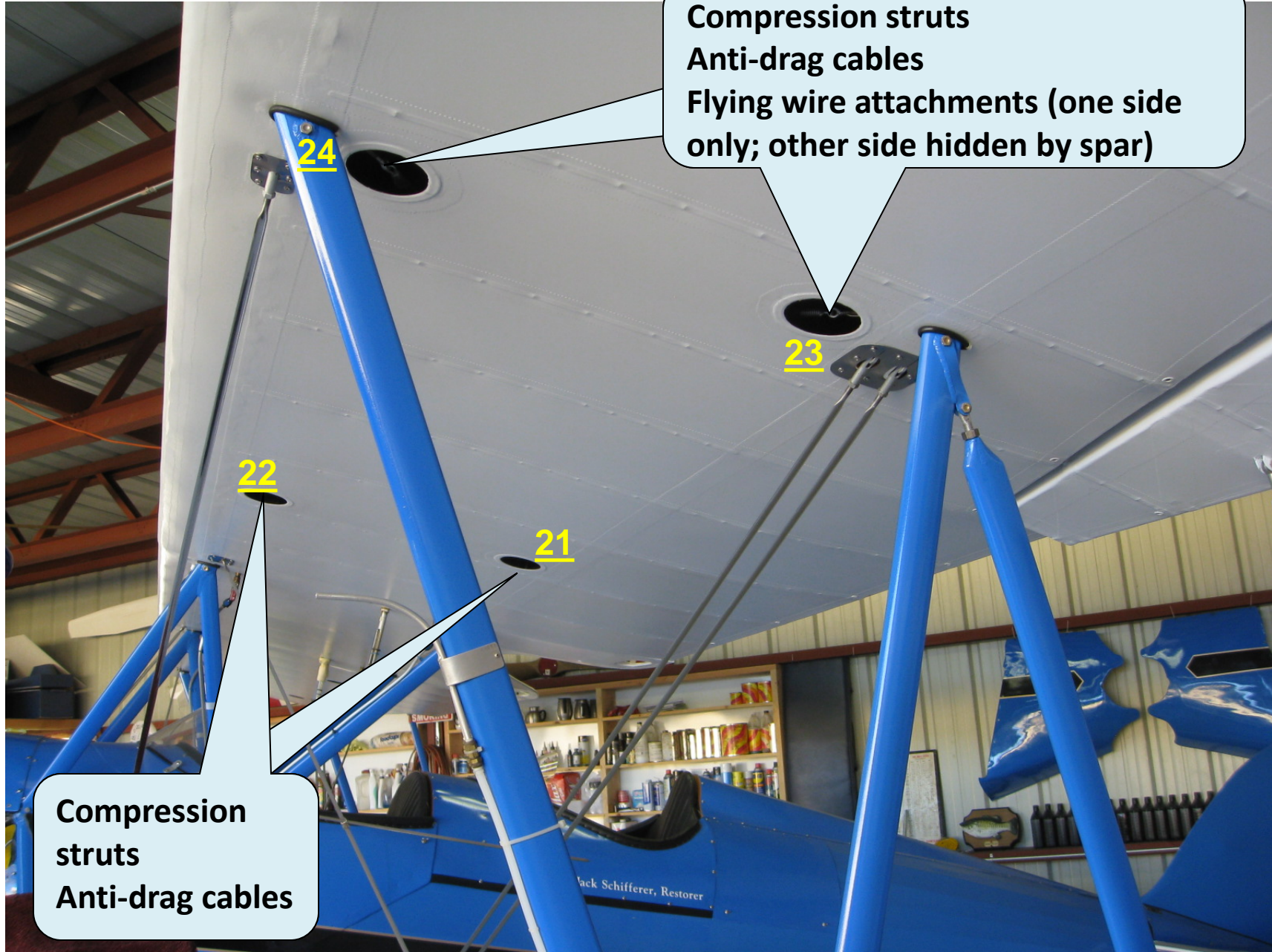
Upper Right Wing

Arrows indicate points not visible from any inspection cover; highlighted areas are visible

Locations pointed to here are not visible from any inspection cover. In some cases it is because the aluminum leading edge cover encloses it and there is no inspection hole in the aluminum cover. In other cases (e.g., where anti-drag cables tie in at the wing tip) it is simply because there is no inspection cover.

Locations indicated by the yellow circles are visible from the inspection holes

Upper Left Wing



Compression struts
Anti-drag cables
Flying wire attachments (one side only; other side hidden by spar)

24

23

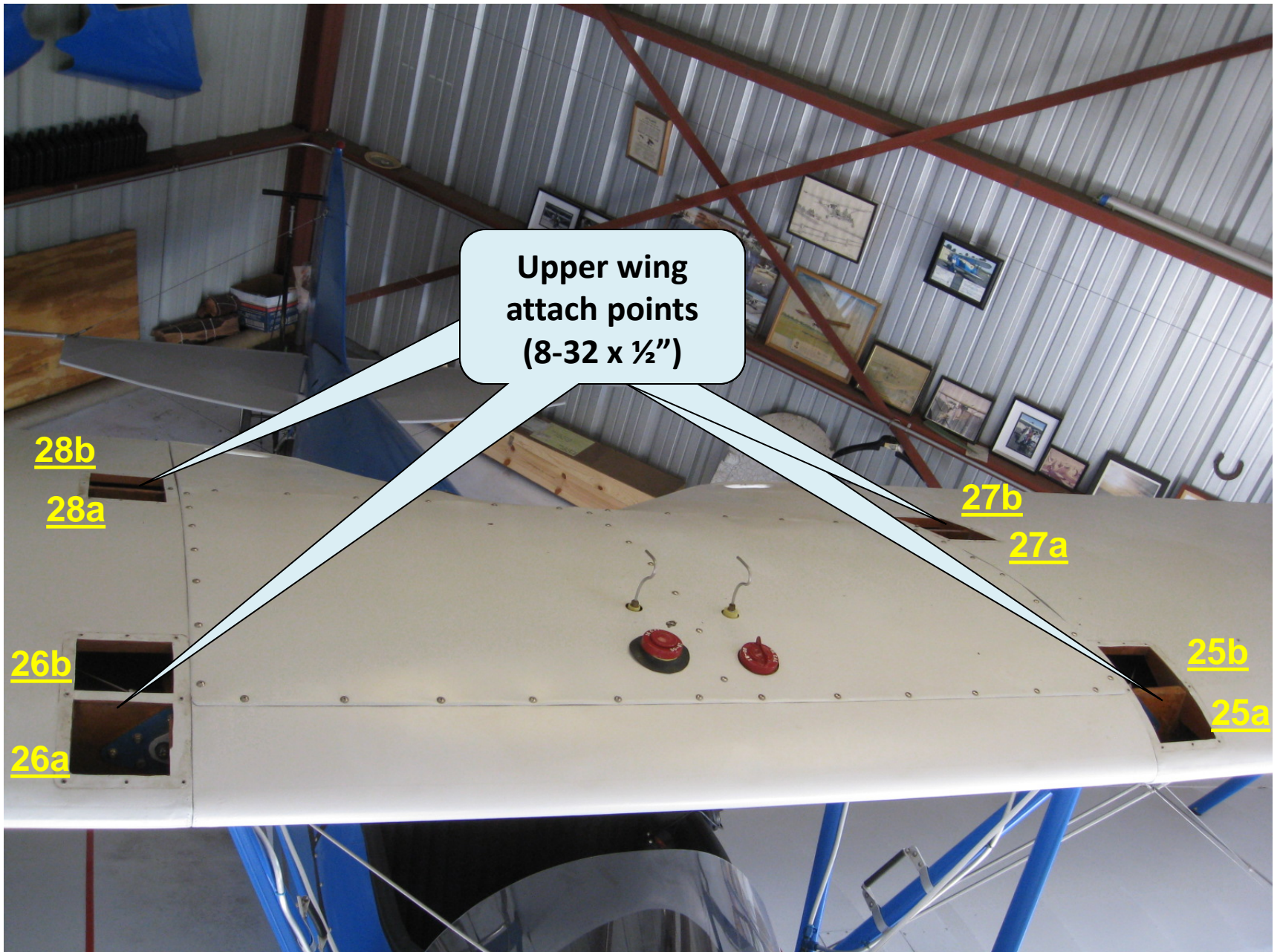
22

21

Compression struts
Anti-drag cables

Jack Schifferer, Restorer

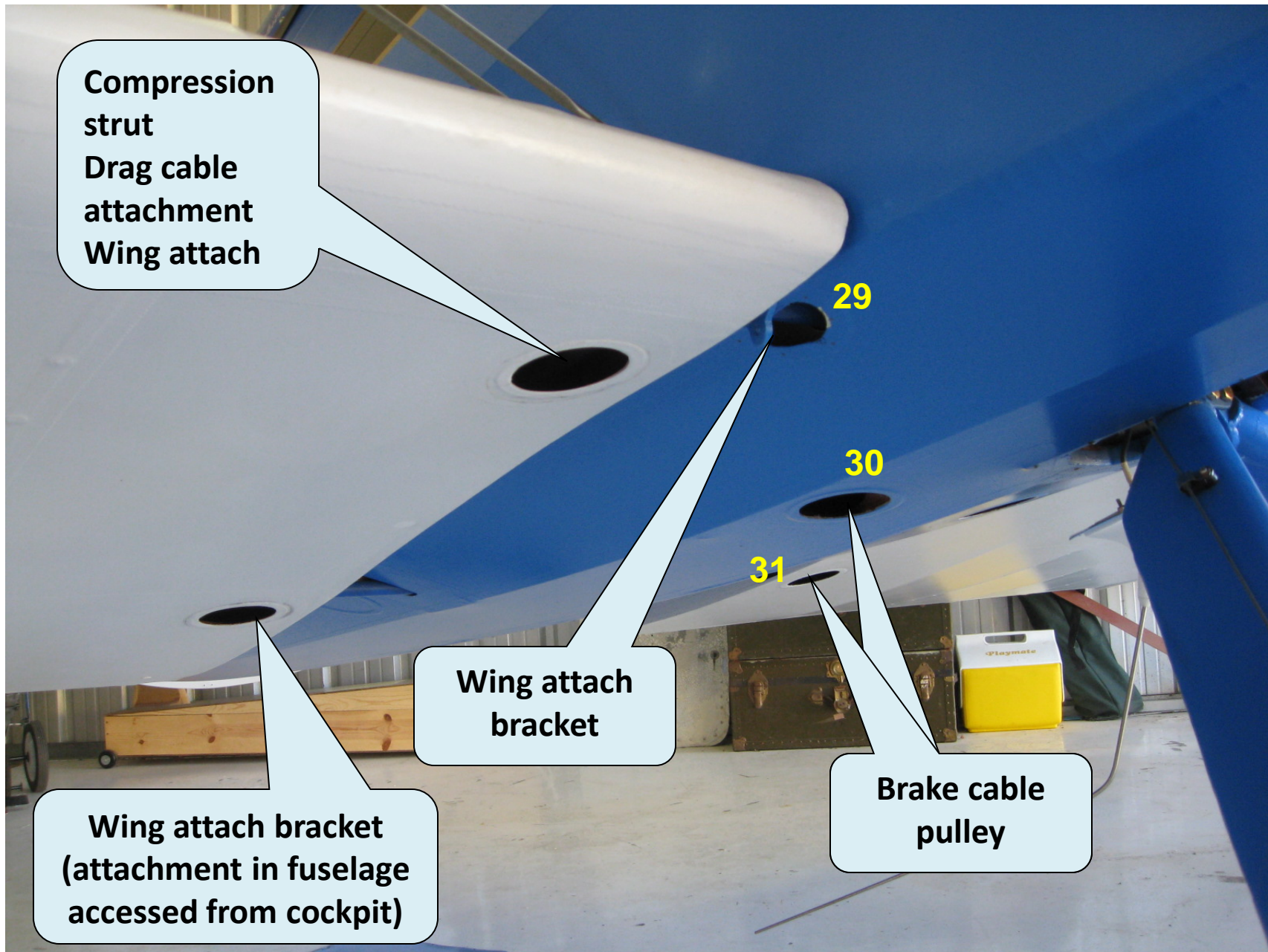
Wing Center Section



Wing Center Section



Lower Right Wing & Fuselage Bottom



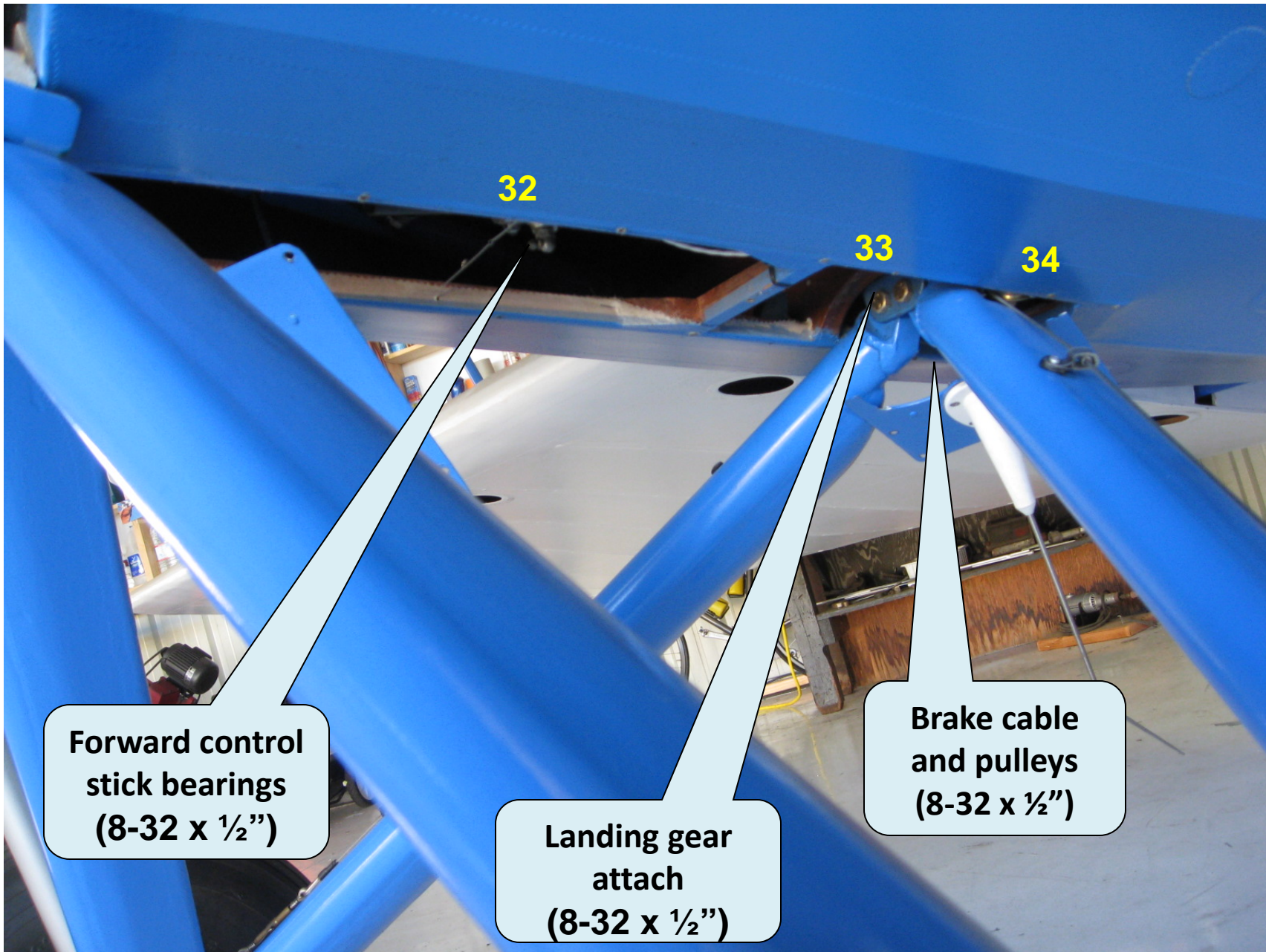
No inspection plate;
view from inside
fuselage



The lower wing attaches to the fuselage by the metal tabs shown protruding from the wing root. The tabs are visible from inspection holes under the wing—at least the portion between the two spars.

The metal tabs go on either side metal fixtures at the locations indicated on the fuselage. The forward location is visible from an inspection hole in the fuselage bottom; the aft attachment is visible from inside the aft fuselage (near the back of the seat.)

Fuselage Bottom



32

33

34

Forward control
stick bearings
(8-32 x 1/2")

Landing gear
attach
(8-32 x 1/2")

Brake cable
and pulleys
(8-32 x 1/2")

Lower Left Wing & fuselage bottom



35a, b

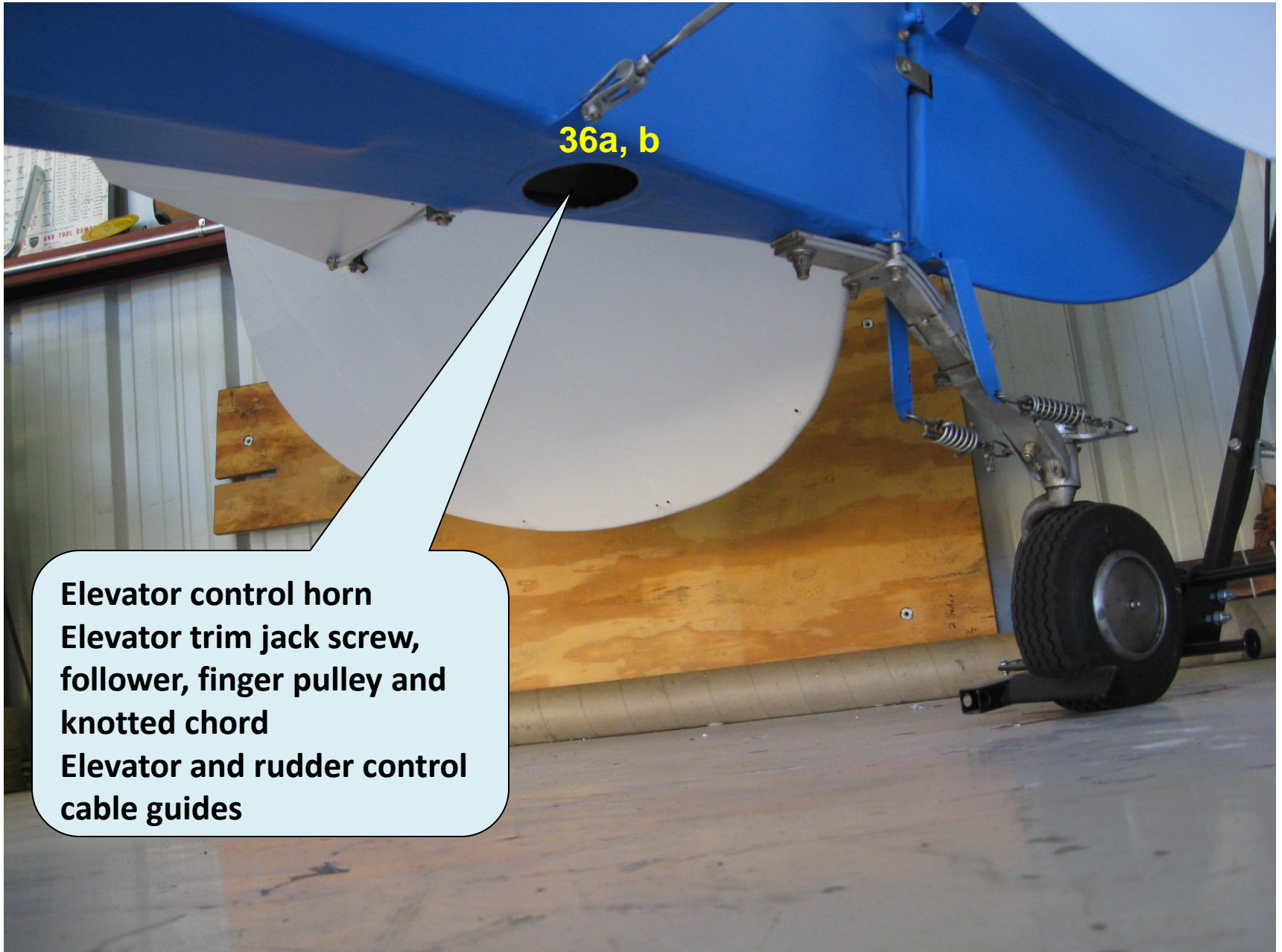
38

37

31

Rear control stick bearings
Elevator bellcrank
Aileron bellcrank
(8-32 x 1/2")

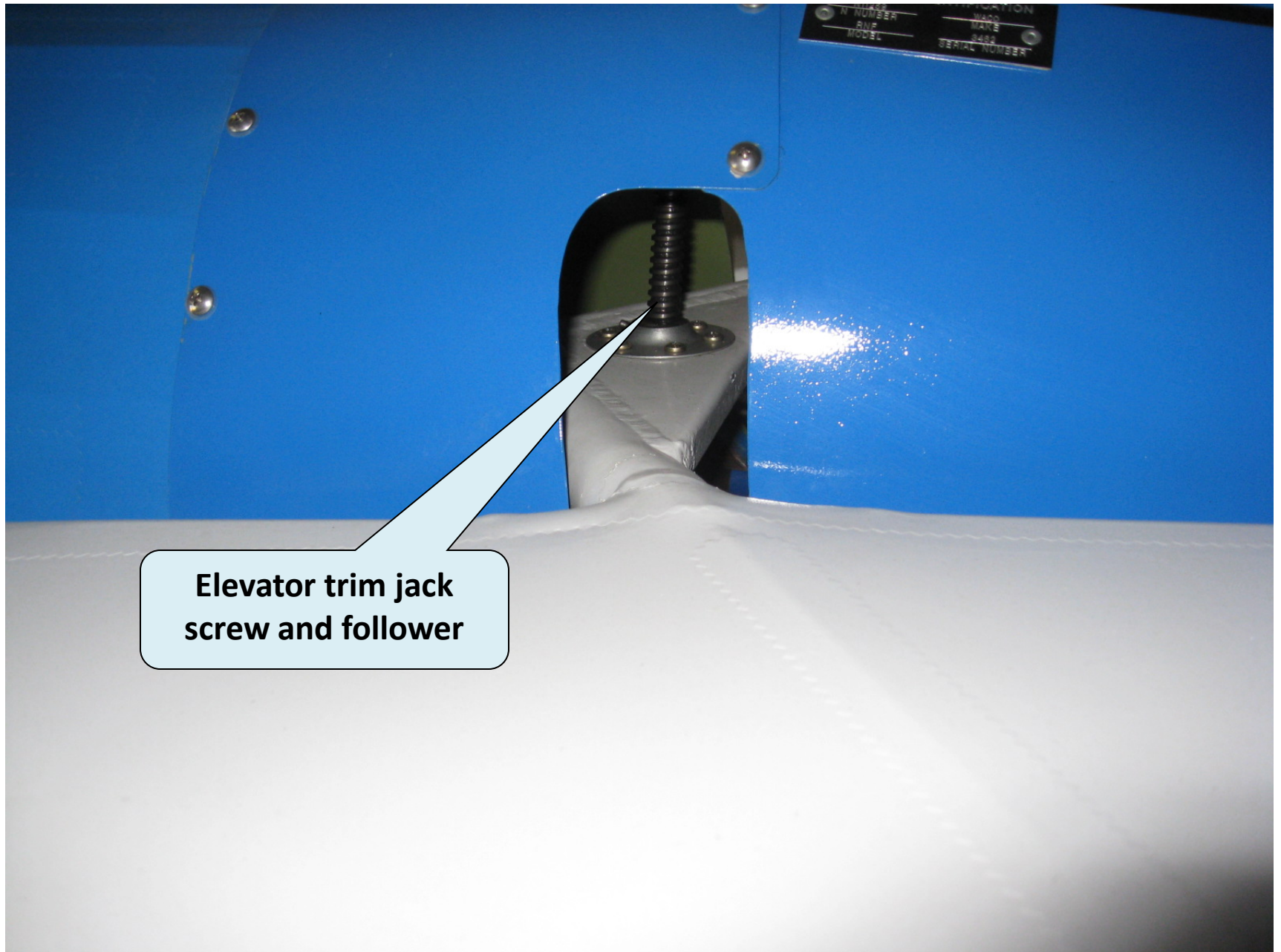
Fuselage Back Bottom



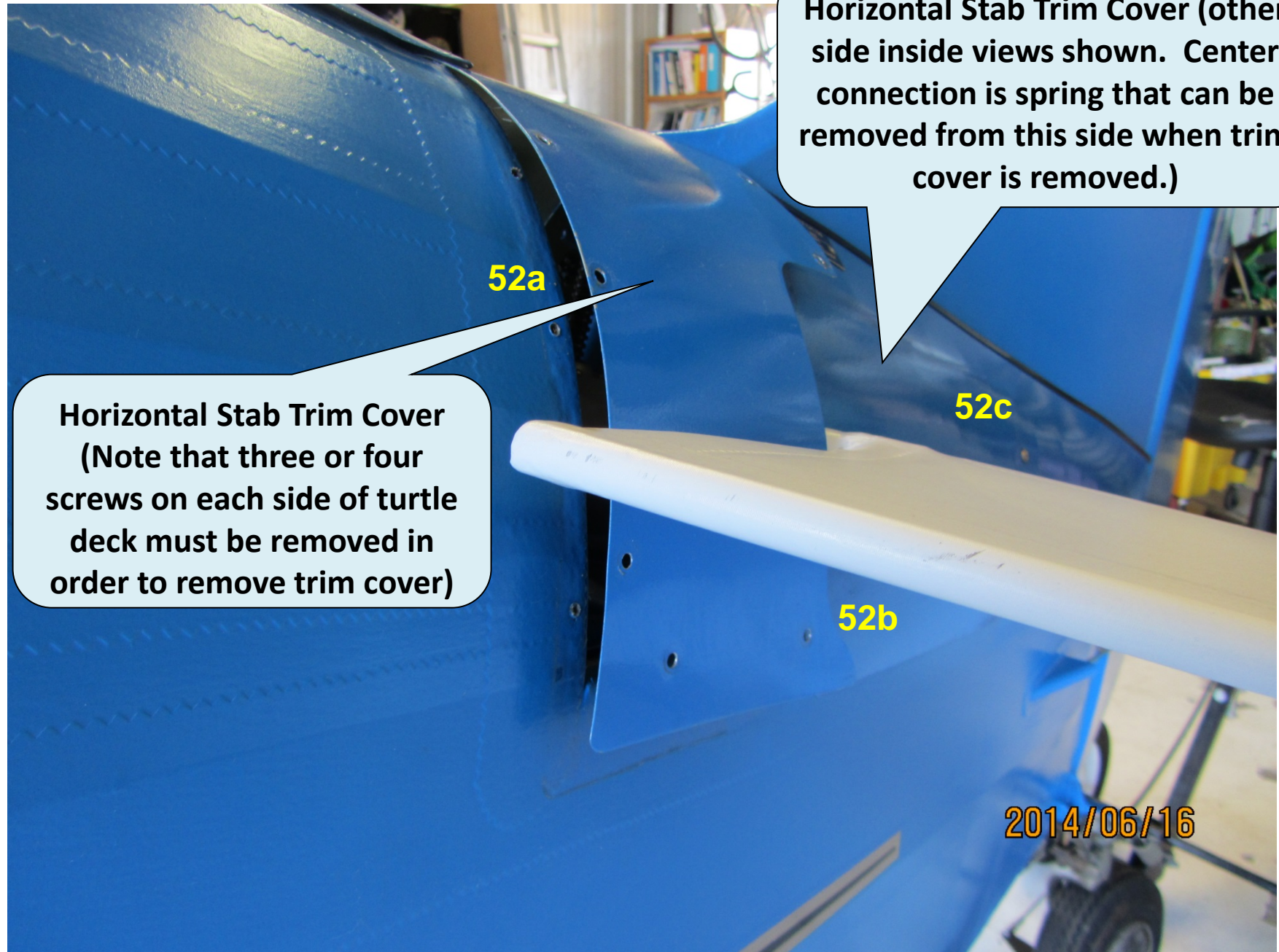
36a, b

Elevator control horn
**Elevator trim jack screw,
follower, finger pulley and
knotted chord**
**Elevator and rudder control
cable guides**

Fuselage at Stabilizer Leading Edge (also see #52)



Horizontal Stab Cover



Horizontal Stab Trim Cover (other side inside views shown. Center connection is spring that can be removed from this side when trim cover is removed.)

Horizontal Stab Trim Cover (Note that three or four screws on each side of turtle deck must be removed in order to remove trim cover)

52a

52c

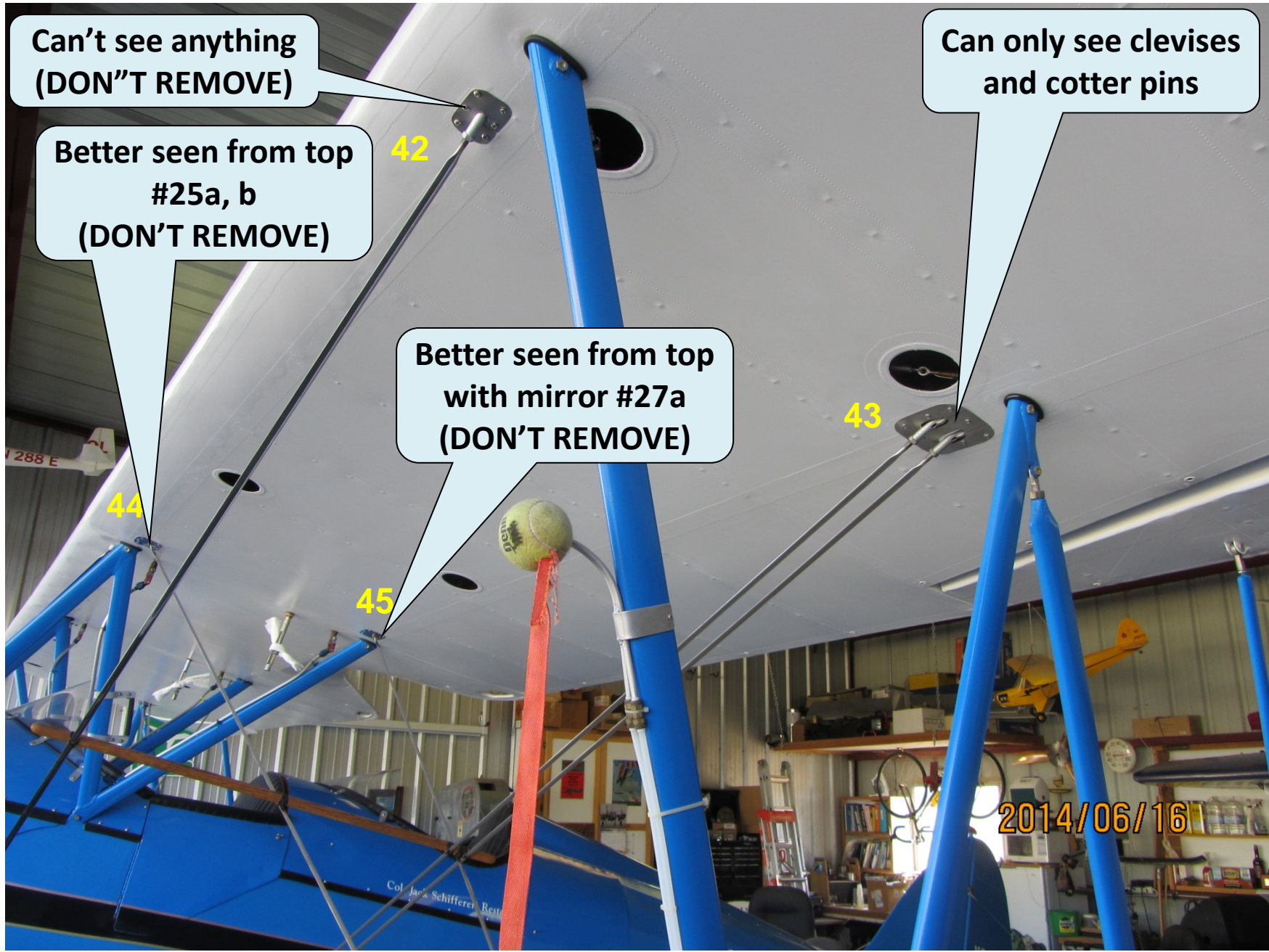
52b

2014/06/16

Lower Left Wing Flying Wire Covers



Upper Left Wing Flying Wire Covers



Can't see anything
(DON'T REMOVE)

Better seen from top
#25a, b
(DON'T REMOVE)

Better seen from top
with mirror #27a
(DON'T REMOVE)

Can only see clevises
and cotter pins

42

43

44

45

2014/06/16

Lower Right Wing Flying Wire Covers



Can only see clevises
and cotter pins

46

47

Can only see clevises and
cotter pins; back one better
seen from bottom #2

Upper Right Wing Flying Wire Covers

Can't see anything
(DON'T REMOVE)

48

Better seen from top
#26a, b
(DON'T REMOVE)

Better seen from top
with mirror #28a
(DON'T REMOVE)

49

50

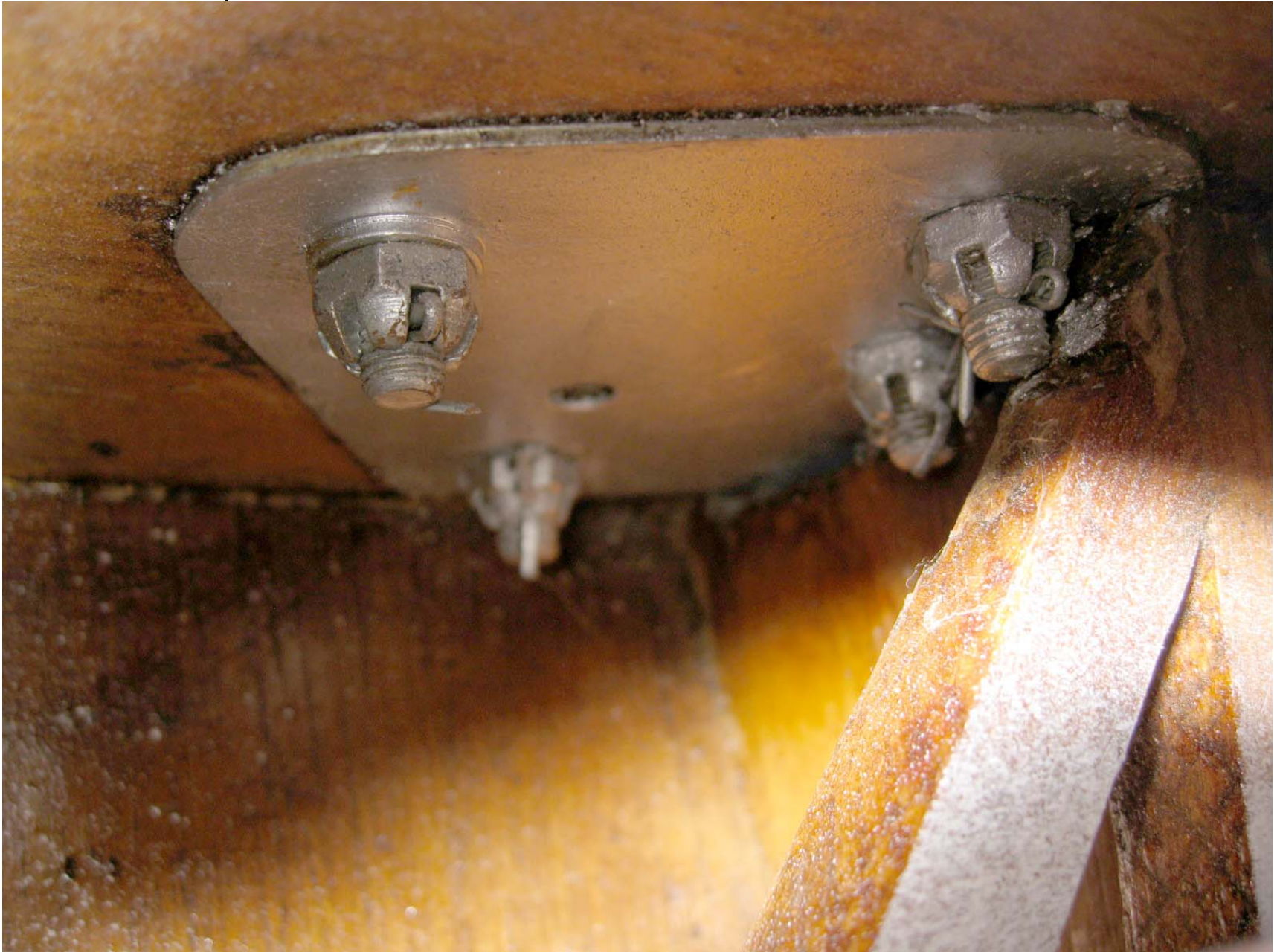
51

Can only see clevises
and cotter pins

2014/06/16



Inside Inspection Plate # 1



Inside Inspection Plate # 2



Inside Inspection Plate # 3



Inside Inspection Plate # 4



Inside Inspection Plate # 5



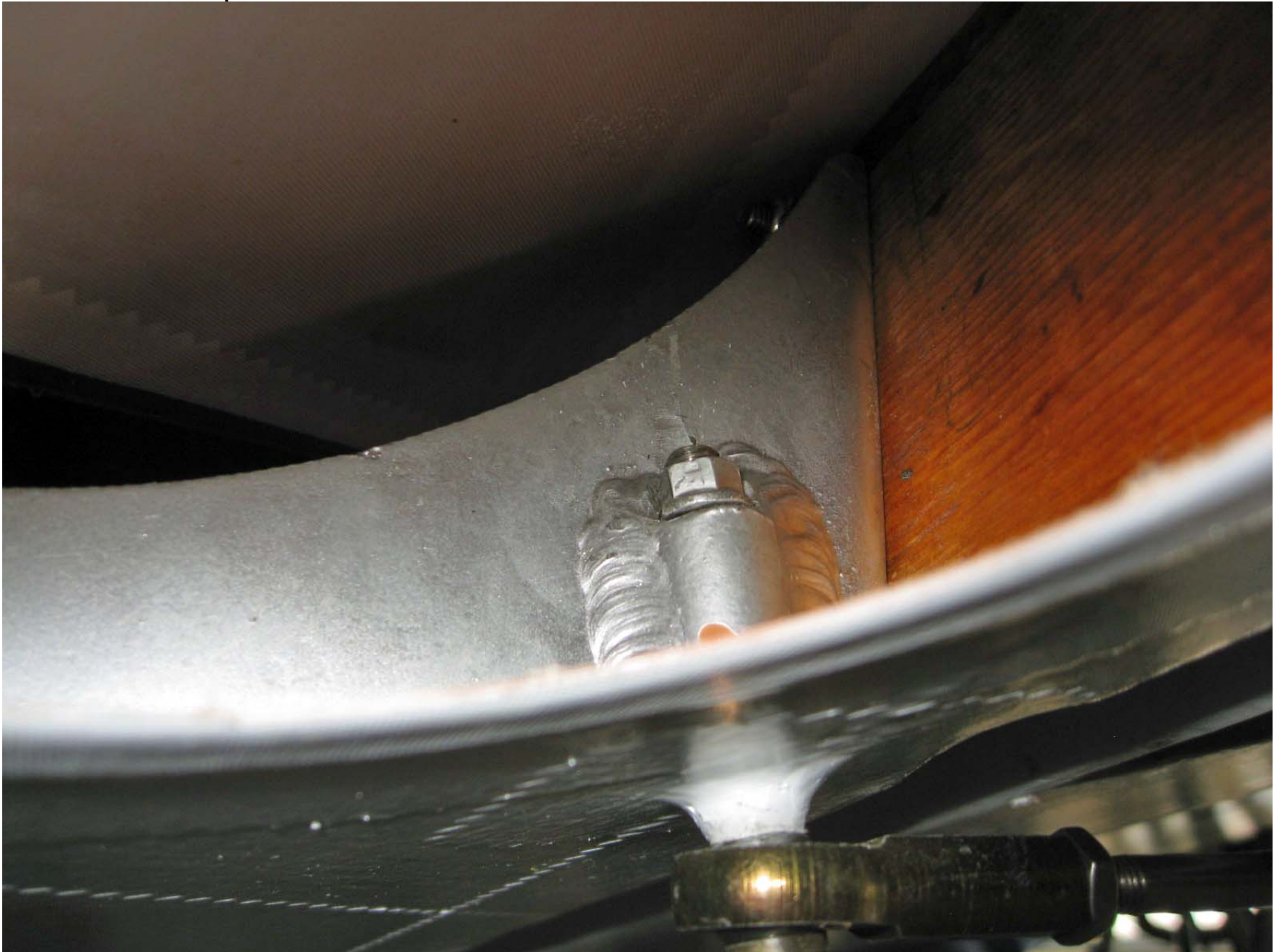
Inside Inspection Plate # 6



Inside Inspection Plate # 7



Inside Inspection Plate # 8



Inside Inspection Plate # 9



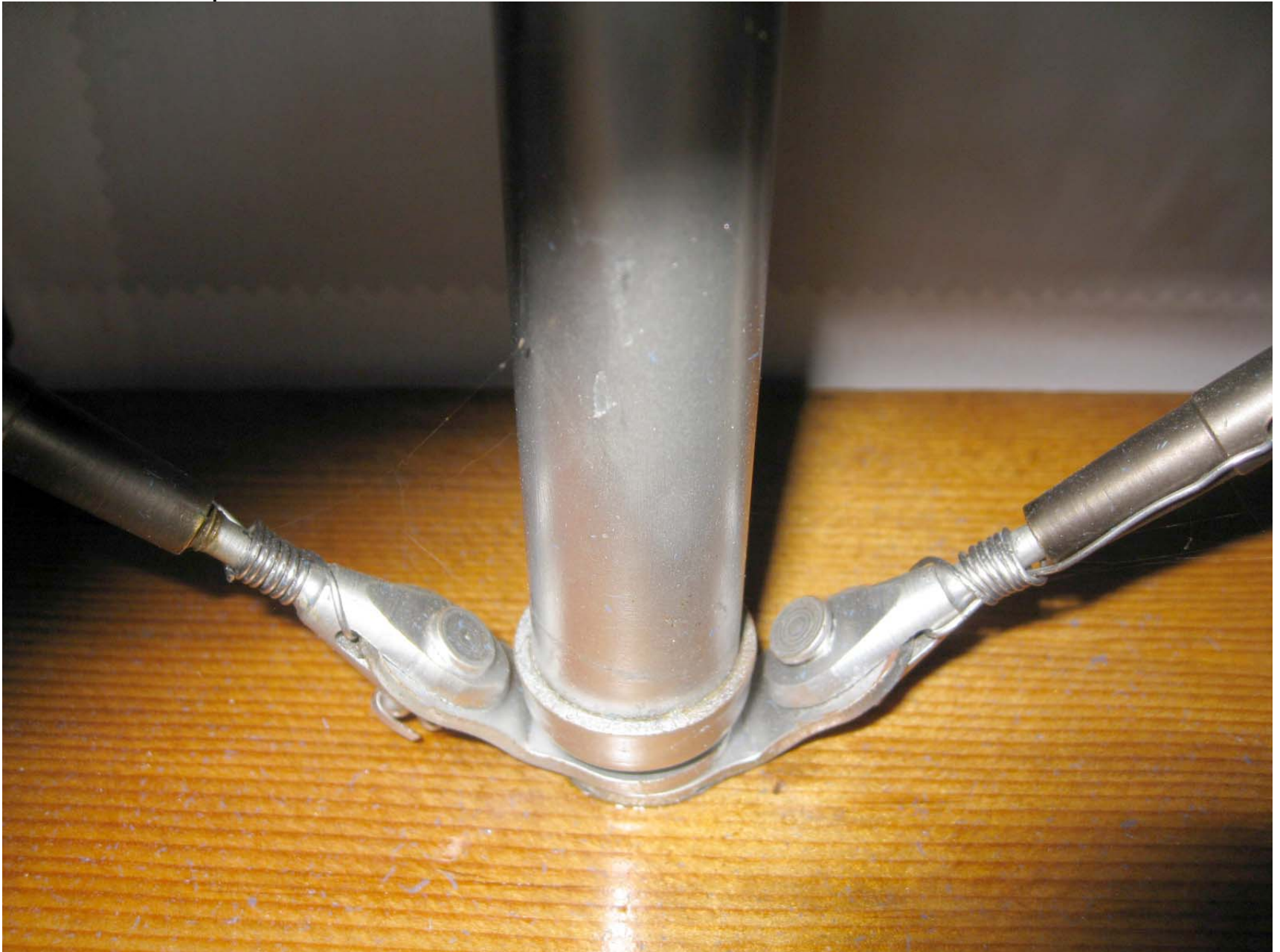
Inside Inspection Plate # 10



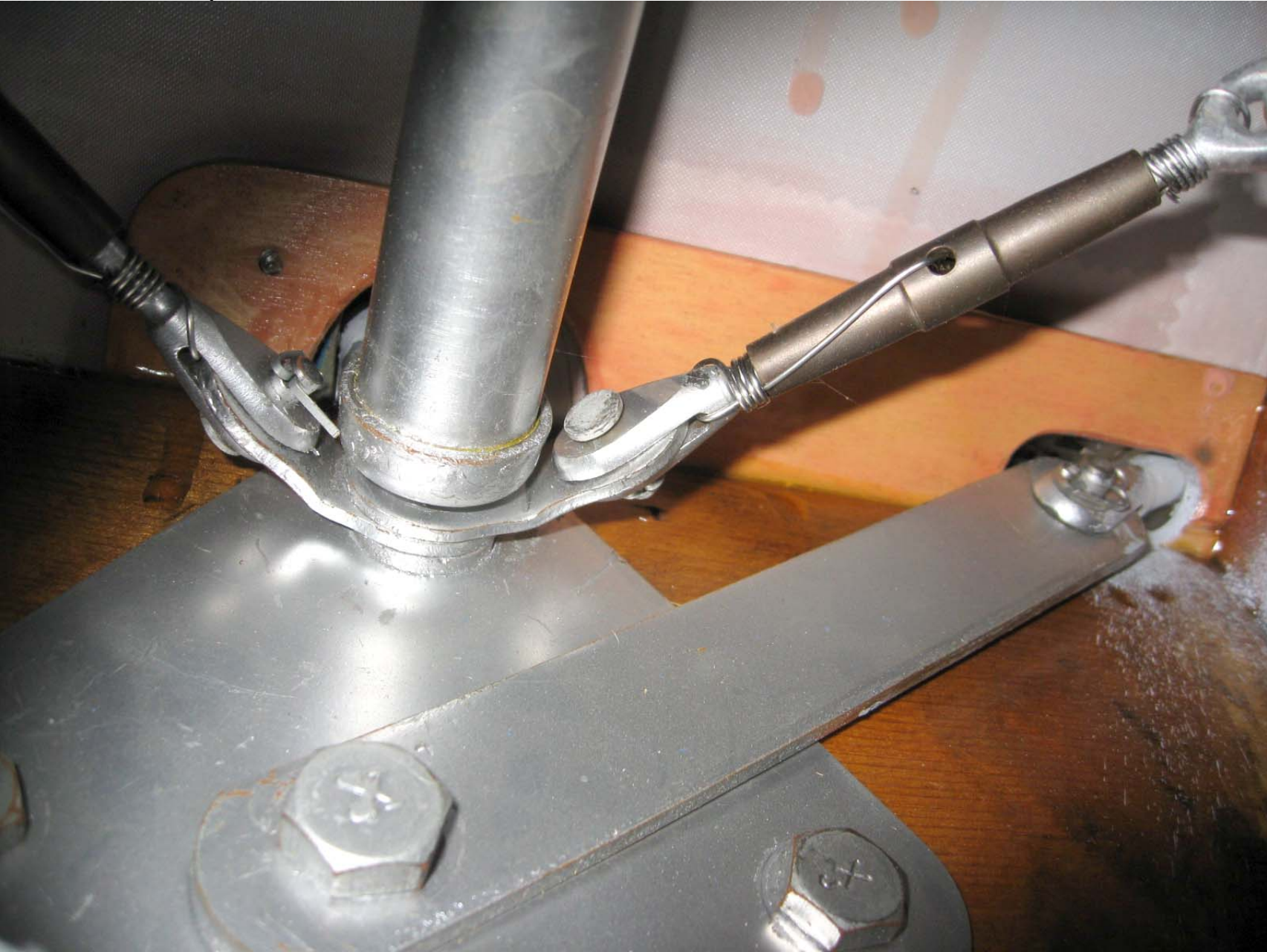
Inside Inspection Plate # 11



Inside Inspection Plate # 12



Inside Inspection Plate # 13



Inside Inspection Plate # 14



Inside Inspection Plate # 15



Inside Inspection Plate # 16



Inside Inspection Plate # 17



Inside Inspection Plate # 18



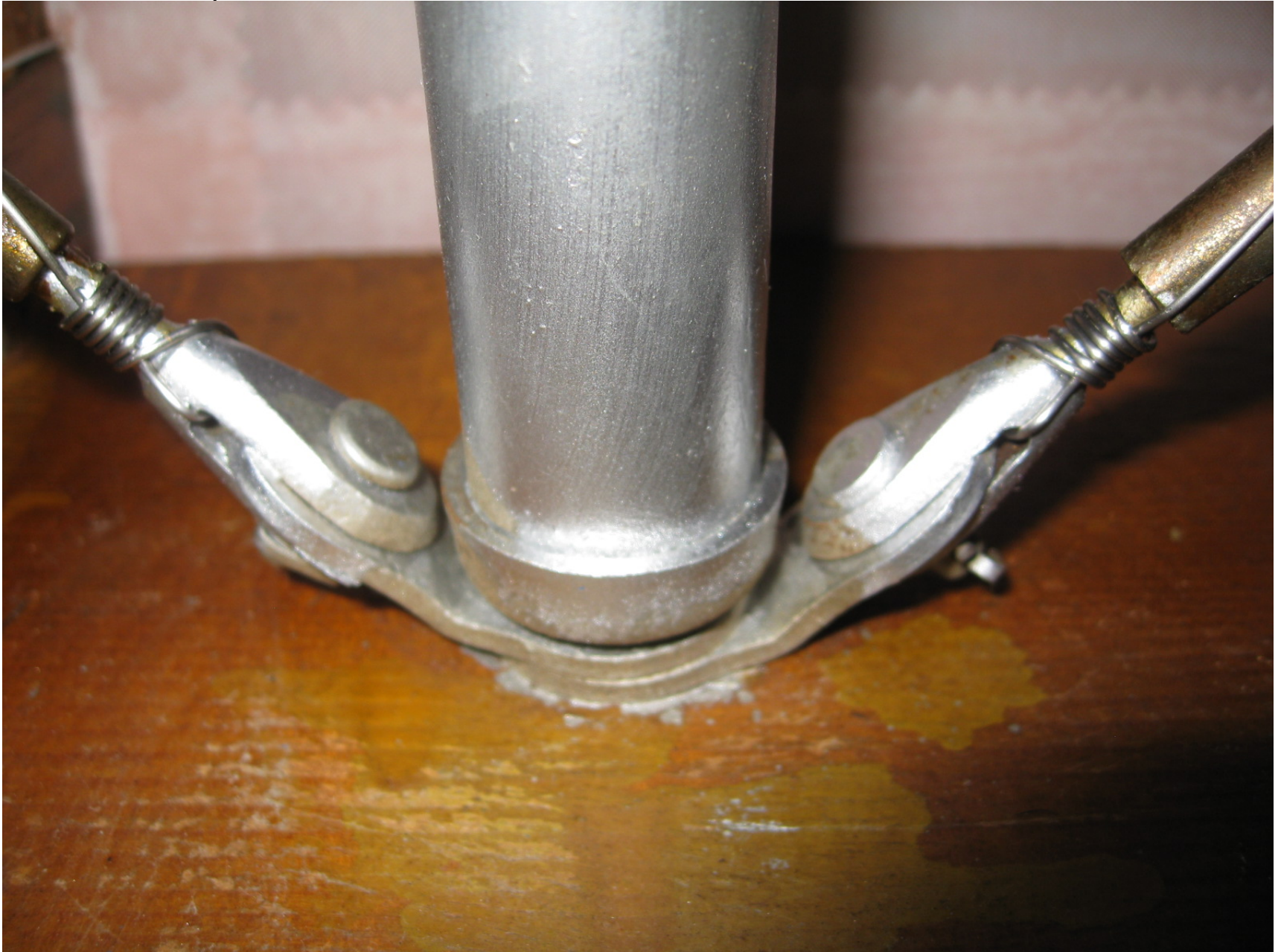
Inside Inspection Plate # 19



Inside Inspection Plate # 20



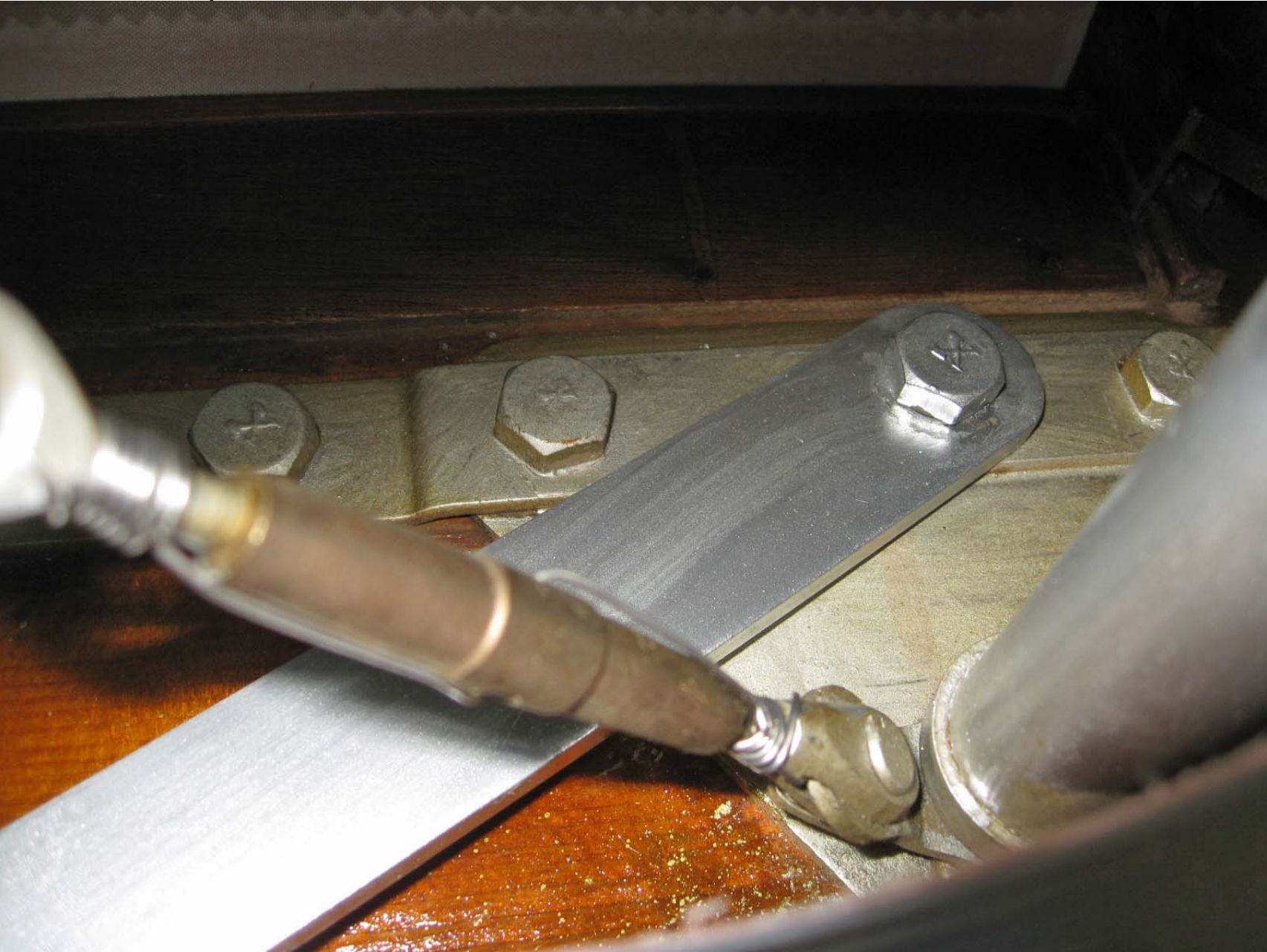
Inside Inspection Plate # 21



Inside Inspection Plate # 22



Inside Inspection Plate # 23



Inside Inspection Plate # 24



Inside Inspection Plate # 25a



Inside Inspection Plate # 25b



Inside Inspection Plate # 26a



Inside Inspection Plate # 26b



Inside Inspection Plate # 27a



Inside Inspection Plate # 27b



Inside Inspection Plate # 28a



Inside Inspection Plate # 28b



Inside Inspection Plate # 29 (#37 Similar)



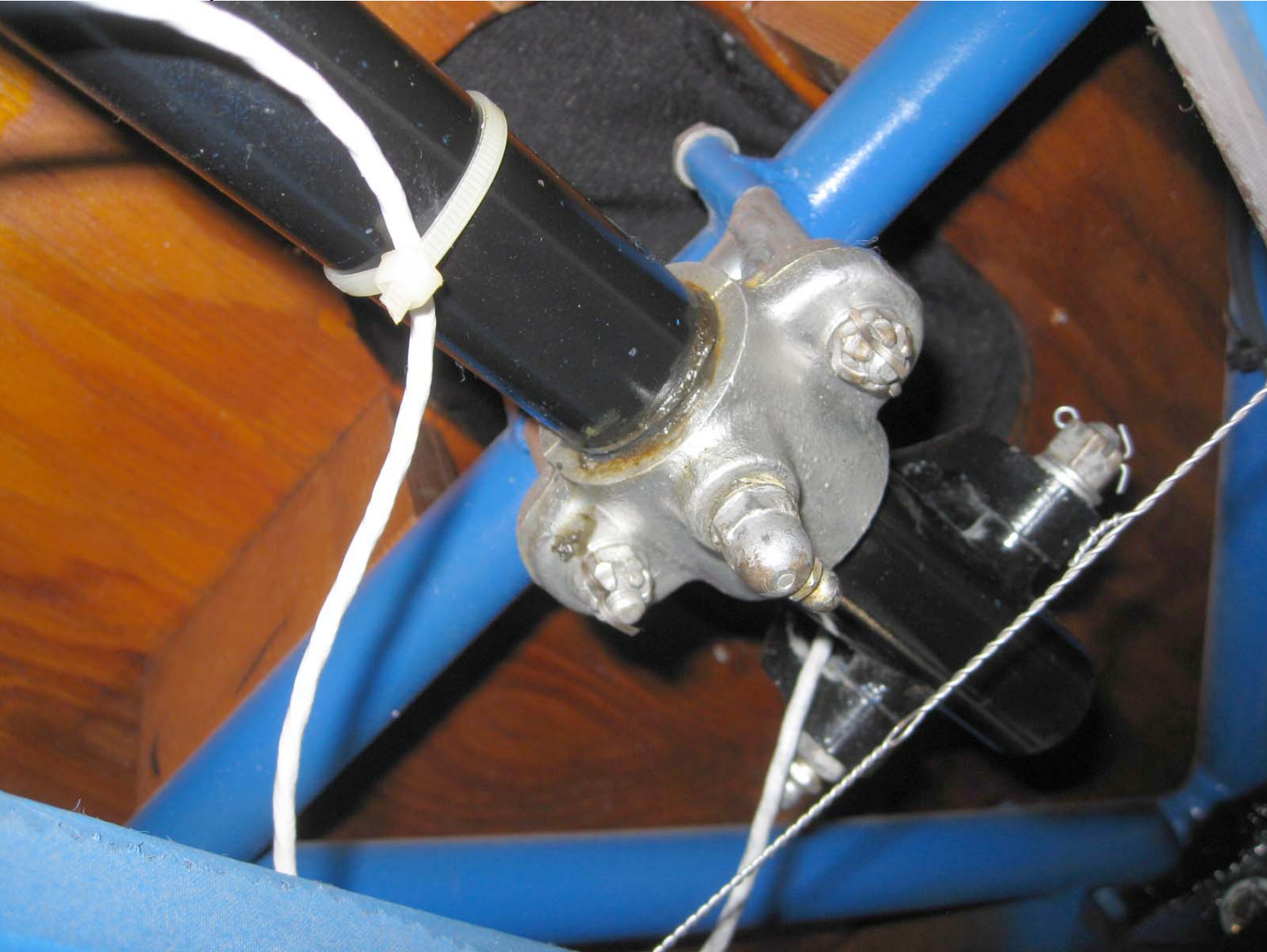
Inside Inspection Plate # 30



Inside Inspection Plate # 31



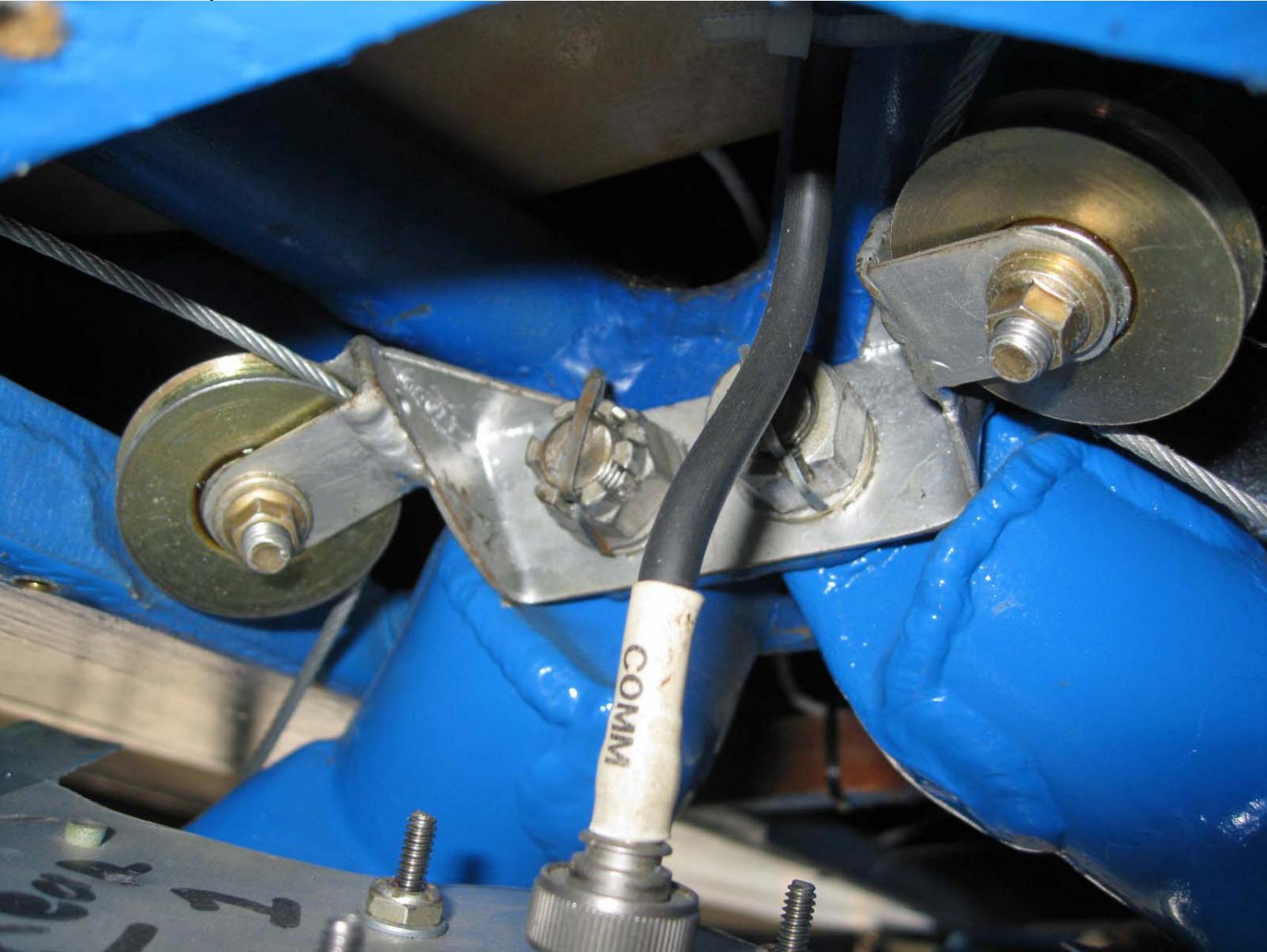
Inside Inspection Plate # 32



Inside Inspection Plate # 33



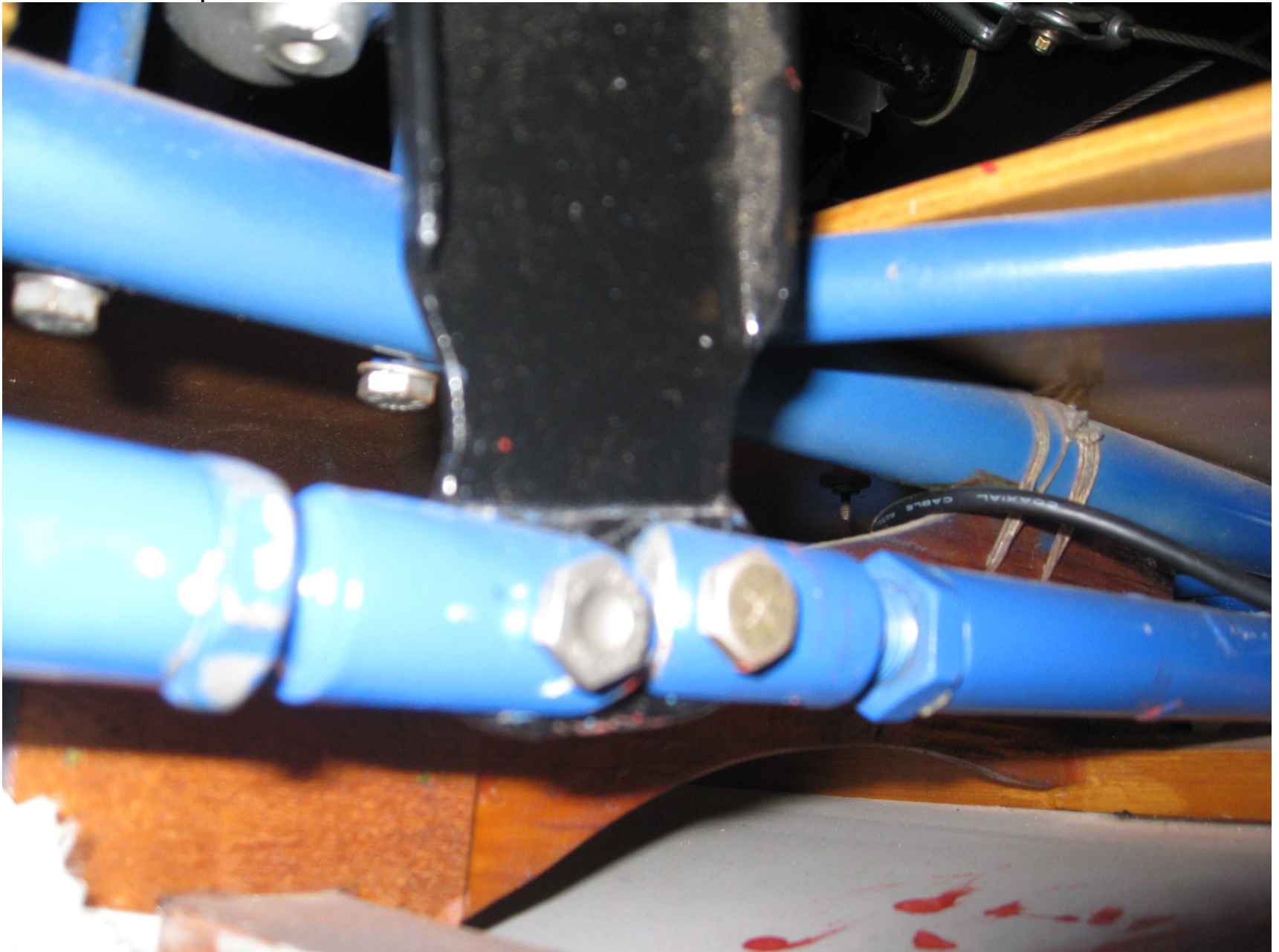
Inside Inspection Plate # 34



Inside Inspection Plate # 35a



Inside Inspection Plate # 35b



Inside Inspection Plate # 36a



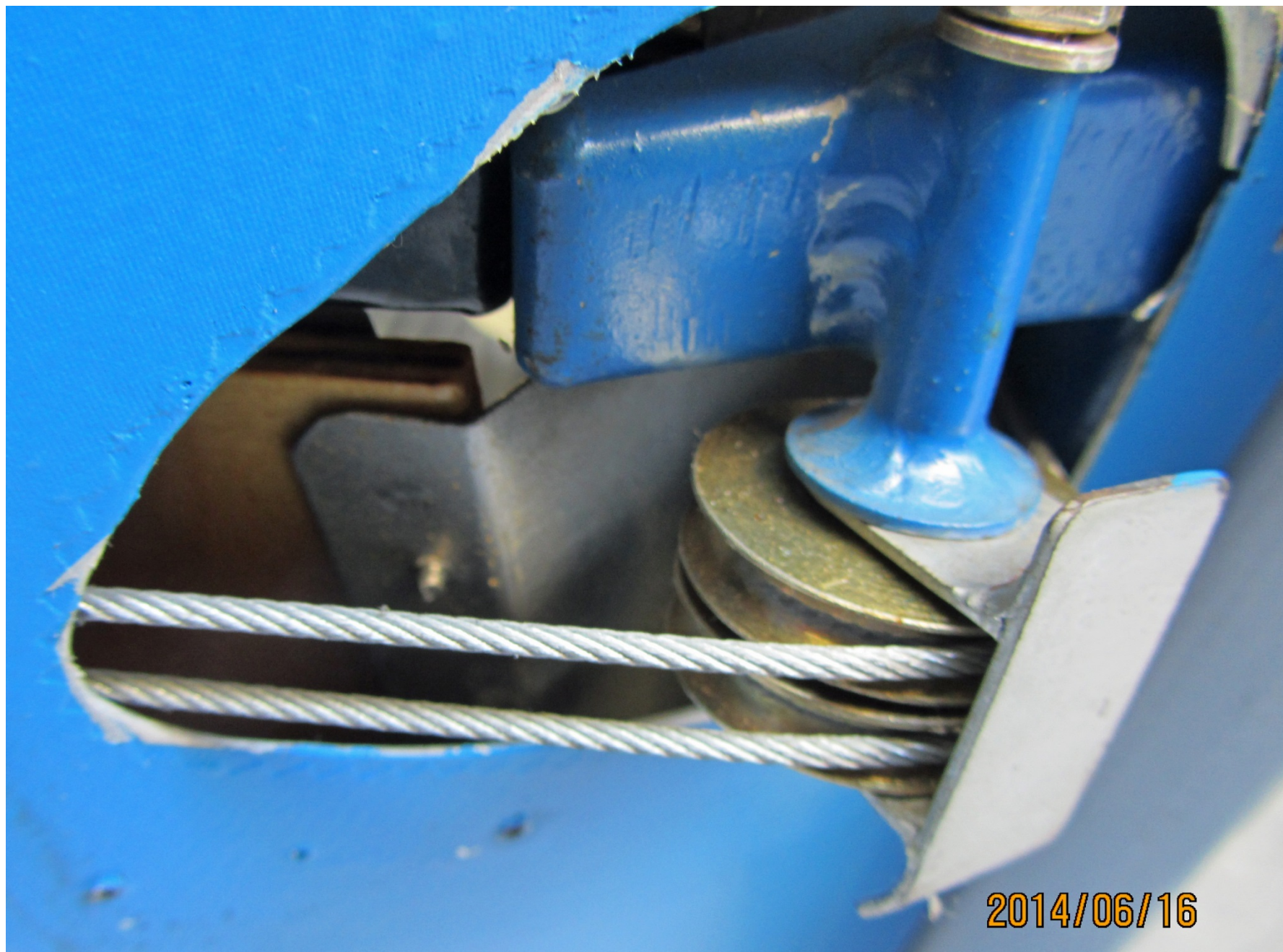
Inside Inspection Plate # 36b



Inside Inspection Plate # 37a, b

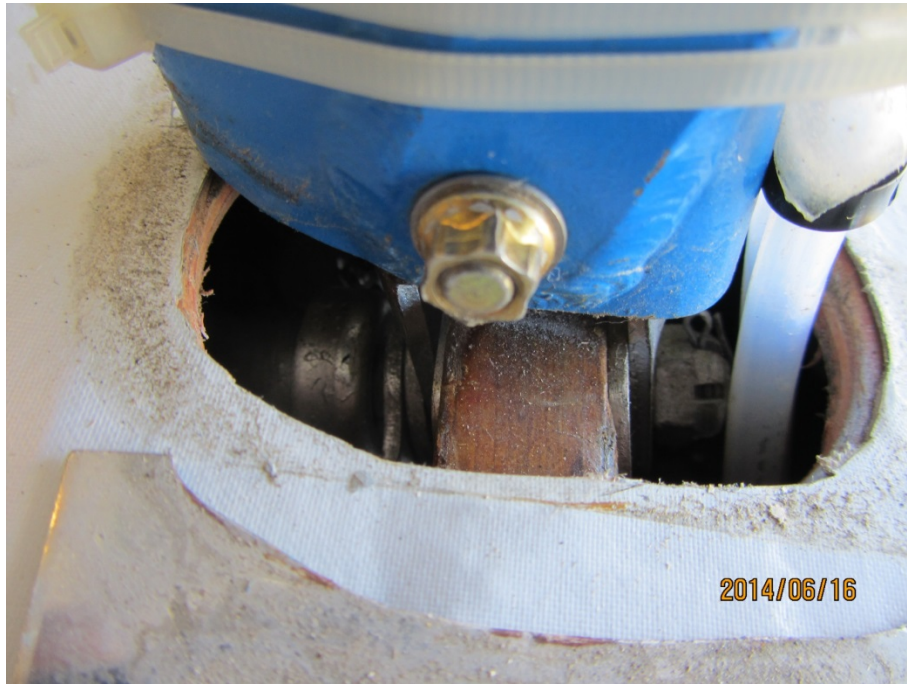


Inside Inspection Plate # 38



2014/06/16

Inside Inspection Plate # 39



Limited visibility on left side; open only right or DON'T REMOVE



Inside Inspection Plate # 40a, b



Inside Flying Wire Cover #40a, b



Inside Flying Wire Cover # 41



Inside Flying Wire Cover # 42



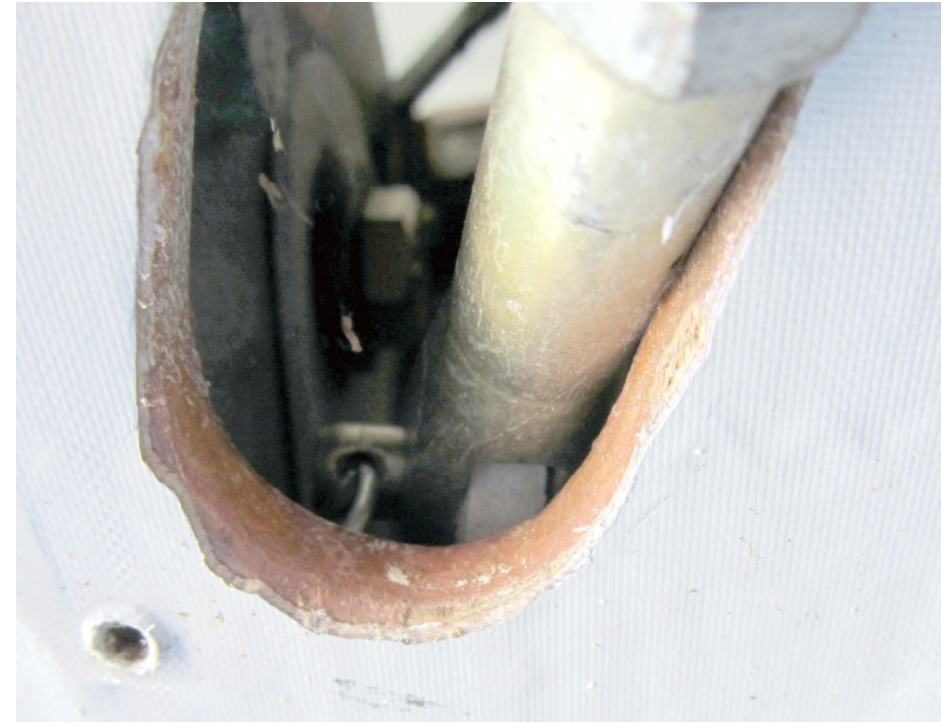
**No visible connections
DON'T REMOVE**



Inside Flying Wire Cover # 43



Inside Flying Wire Cover # 44



**Better seen from top (Inspection
Cover 25a,b
DON'T REMOVE**



Inside Flying Wire Cover # 45



**Better seen from top (Inspection
Cover 27a
DON'T REMOVE**



Inside Flying Wire Cover # 46



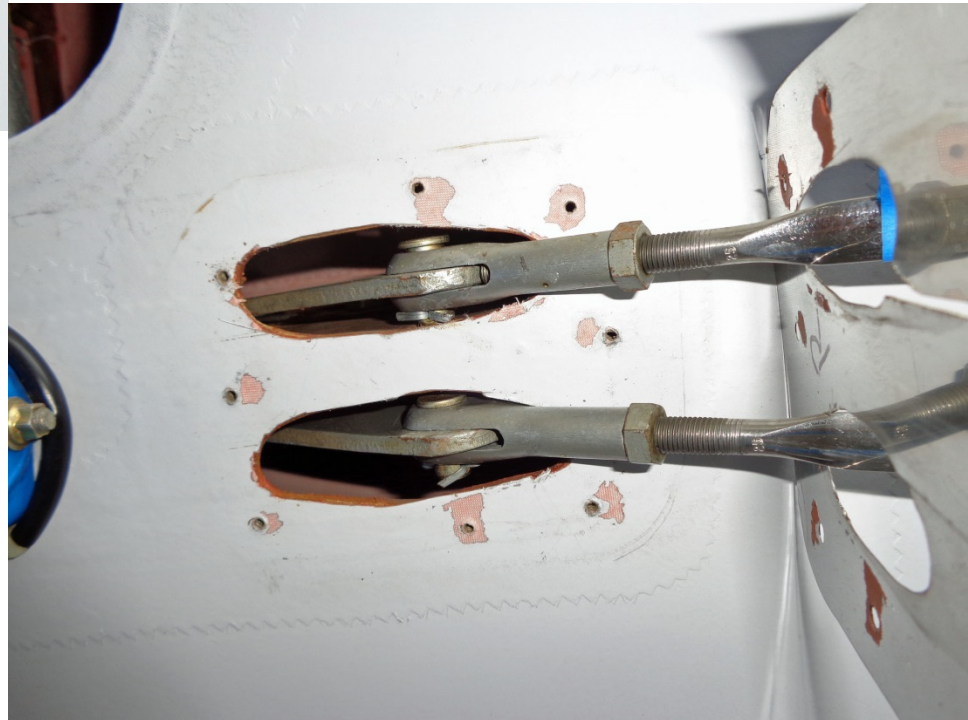
Inside Flying Wire Cover # 47



Inside Flying Wire Cover # 48



Inside Flying Wire Cover # 49



Inside Flying Wire Cover # 50



**Better seen from top (Inspection
Cover 26a,b
DON'T REMOVE**



Inside Flying Wire Cover # 51



**Better seen from top (Inspection
Cover 28a
DON'T REMOVE**



Inside Inspection Plate # 52a



2014/06/16

Inside Inspection Plate # 52b



Inside Inspection Plate # 52c (1 of 2)



Inside Inspection Plate # 52c (2 of 2)

