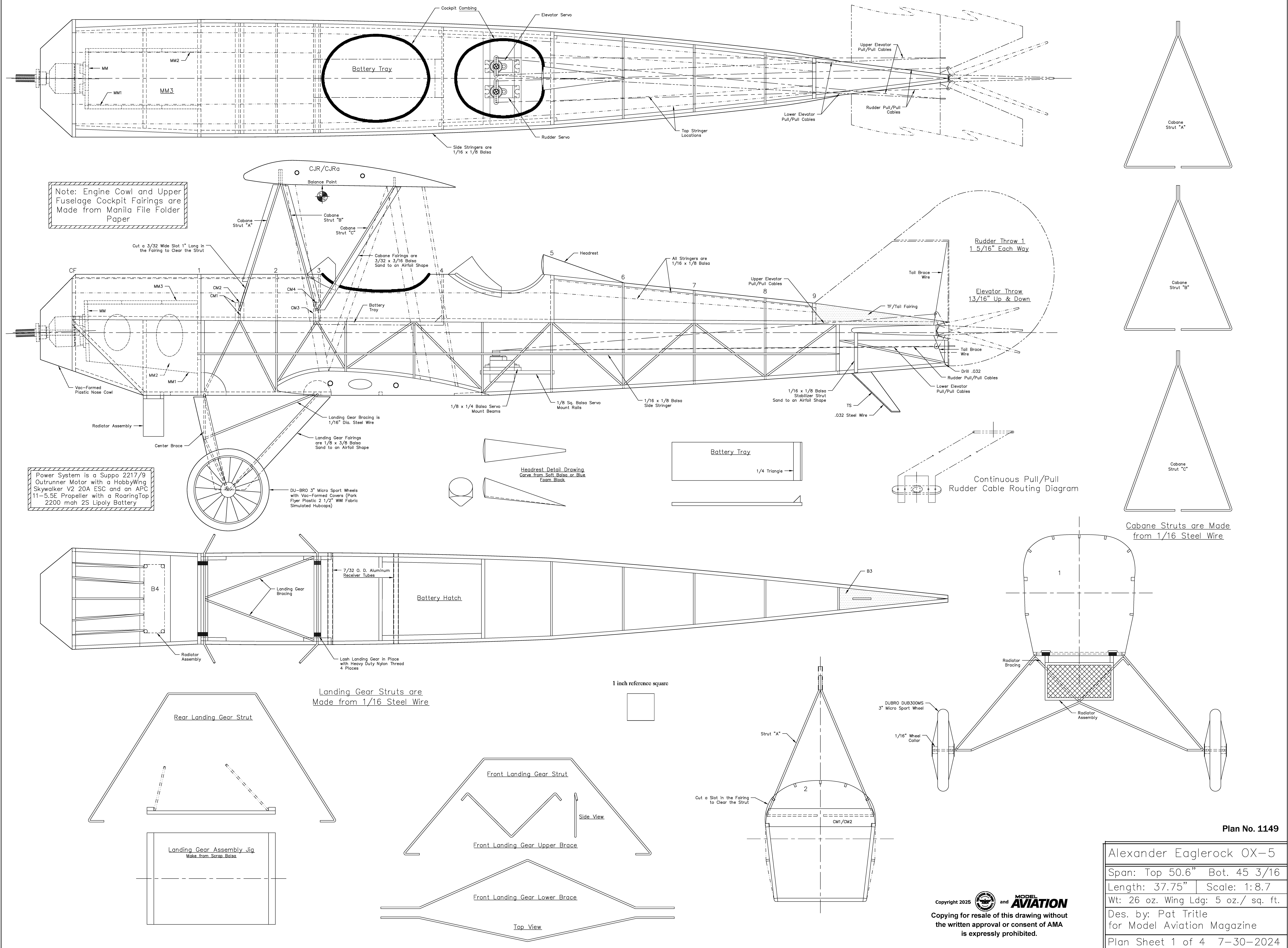
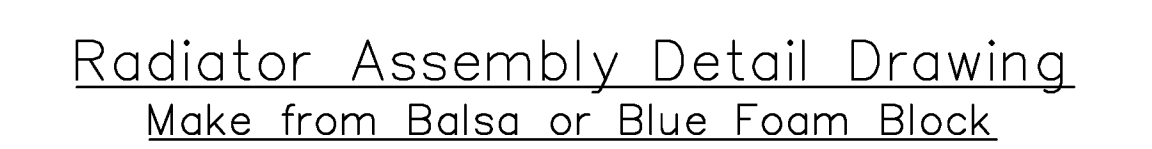
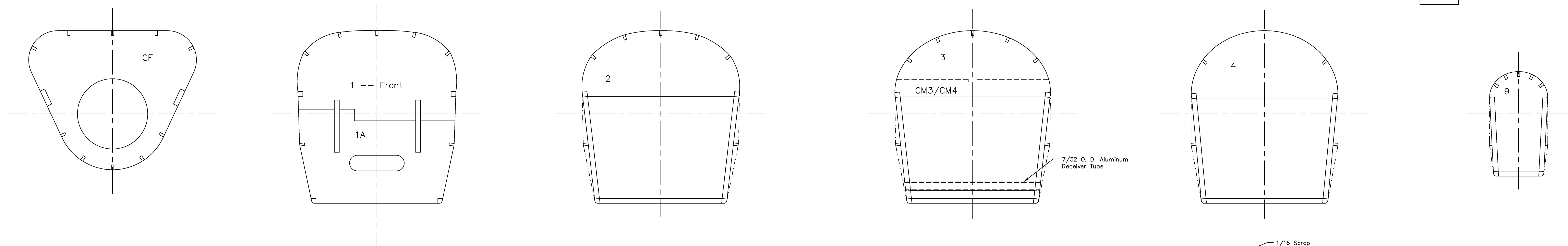




Plan No. 1149

Alexander Eaglerock OX-5	
Span: Top 50.6"	Bot. 45 3/16"
Length: 37.75"	Scale: 1:8.7
Wt: 26 oz. Wing Ldg: 5 oz./ sq. ft.	
Des. by: Pat Tritle for Model Aviation Magazine	
Plan Sheet 1 of 4 7-30-2024	

Copyright 2025  and **MODEL AVIATION**
Copying for resale of this drawing without
the written approval or consent of AMA
is expressly prohibited.

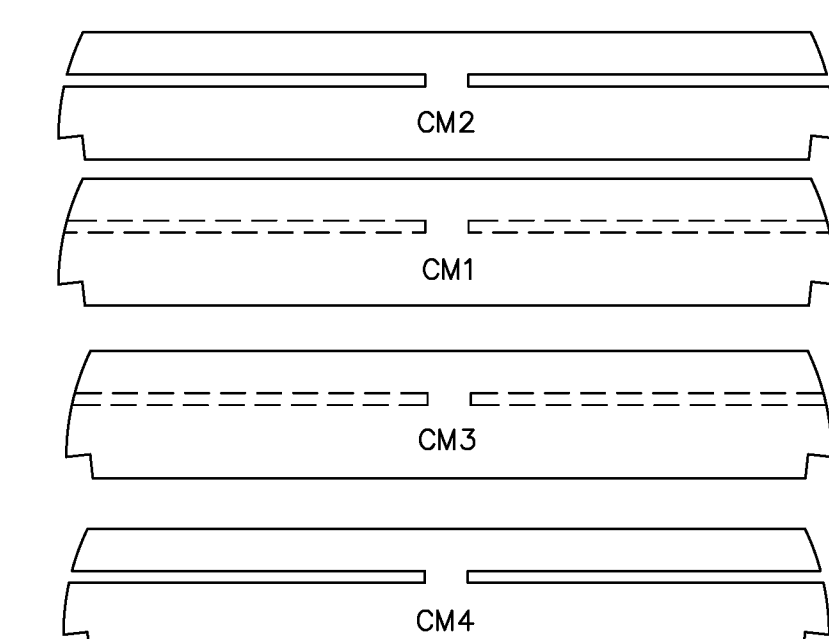


Rudder & Elevator Hinge Pattern
Make from Light Cya Hinge Stock 6 Req.

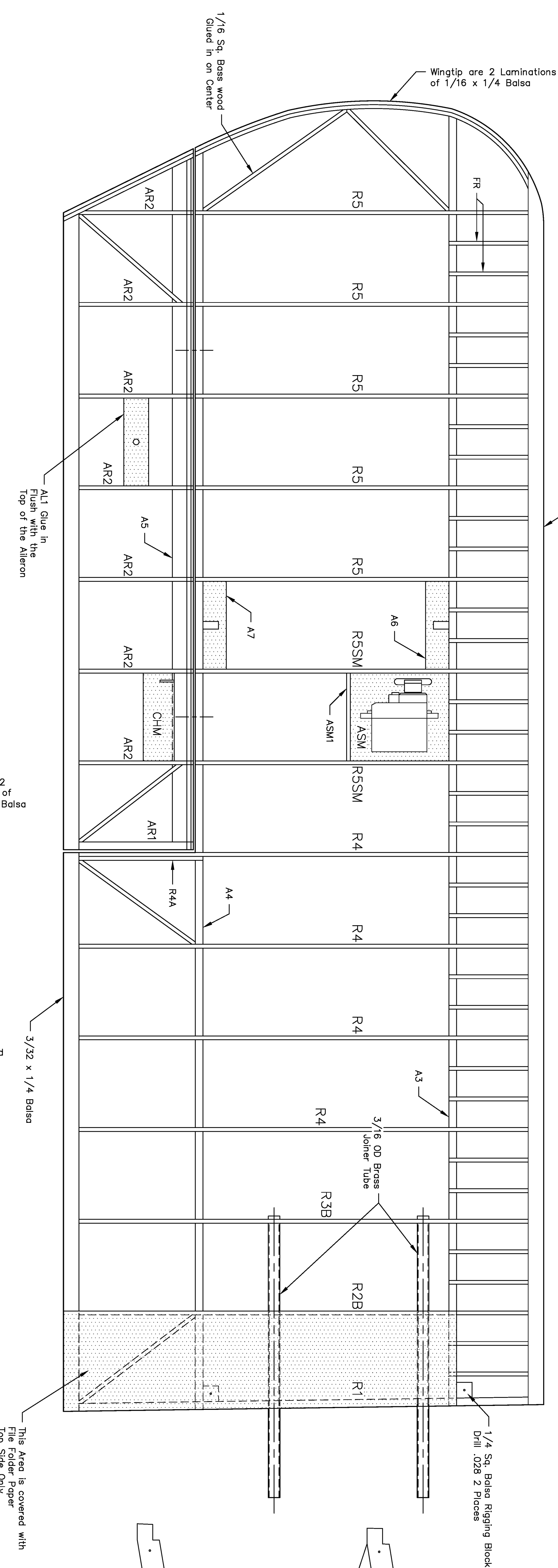
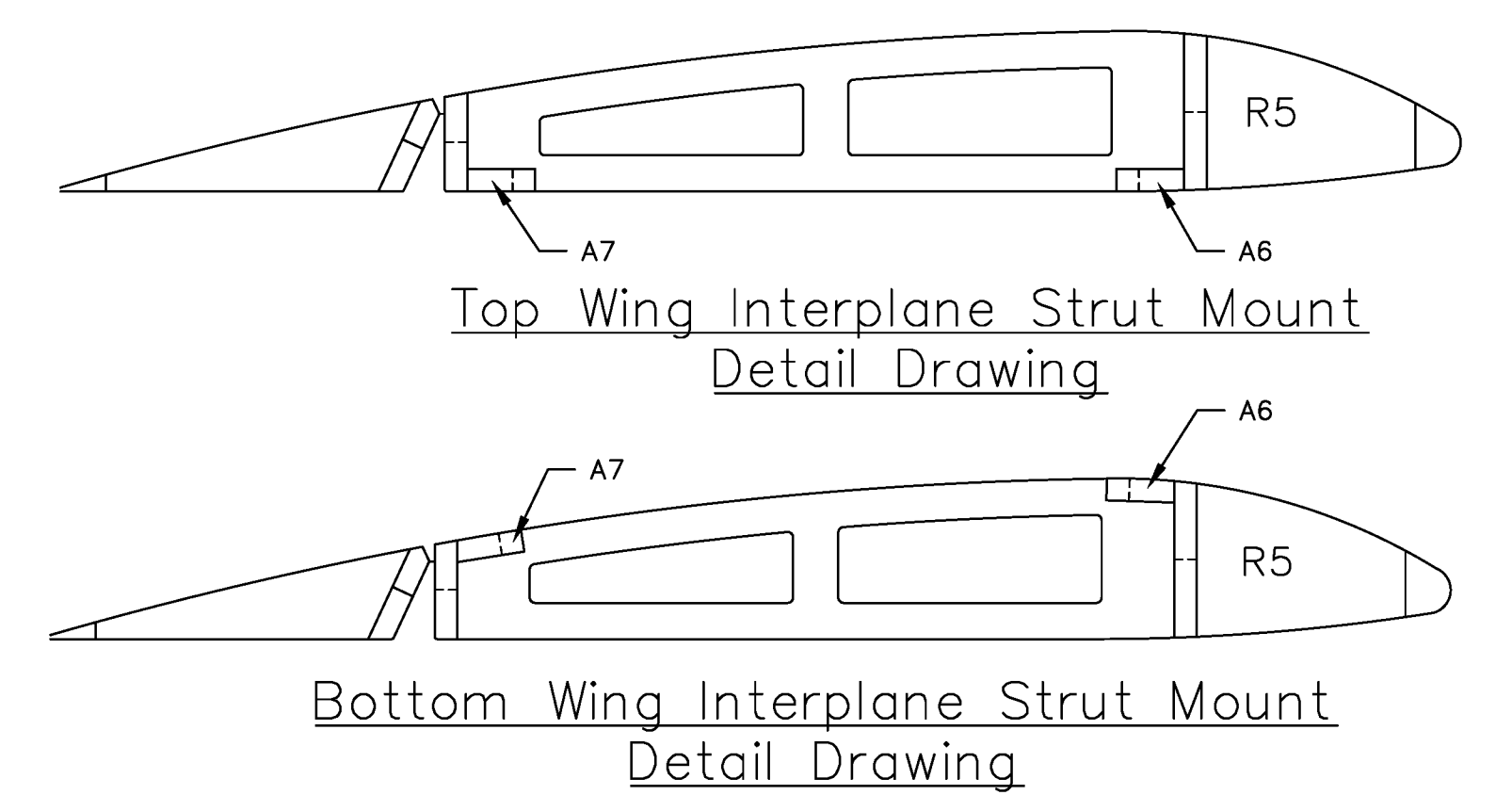
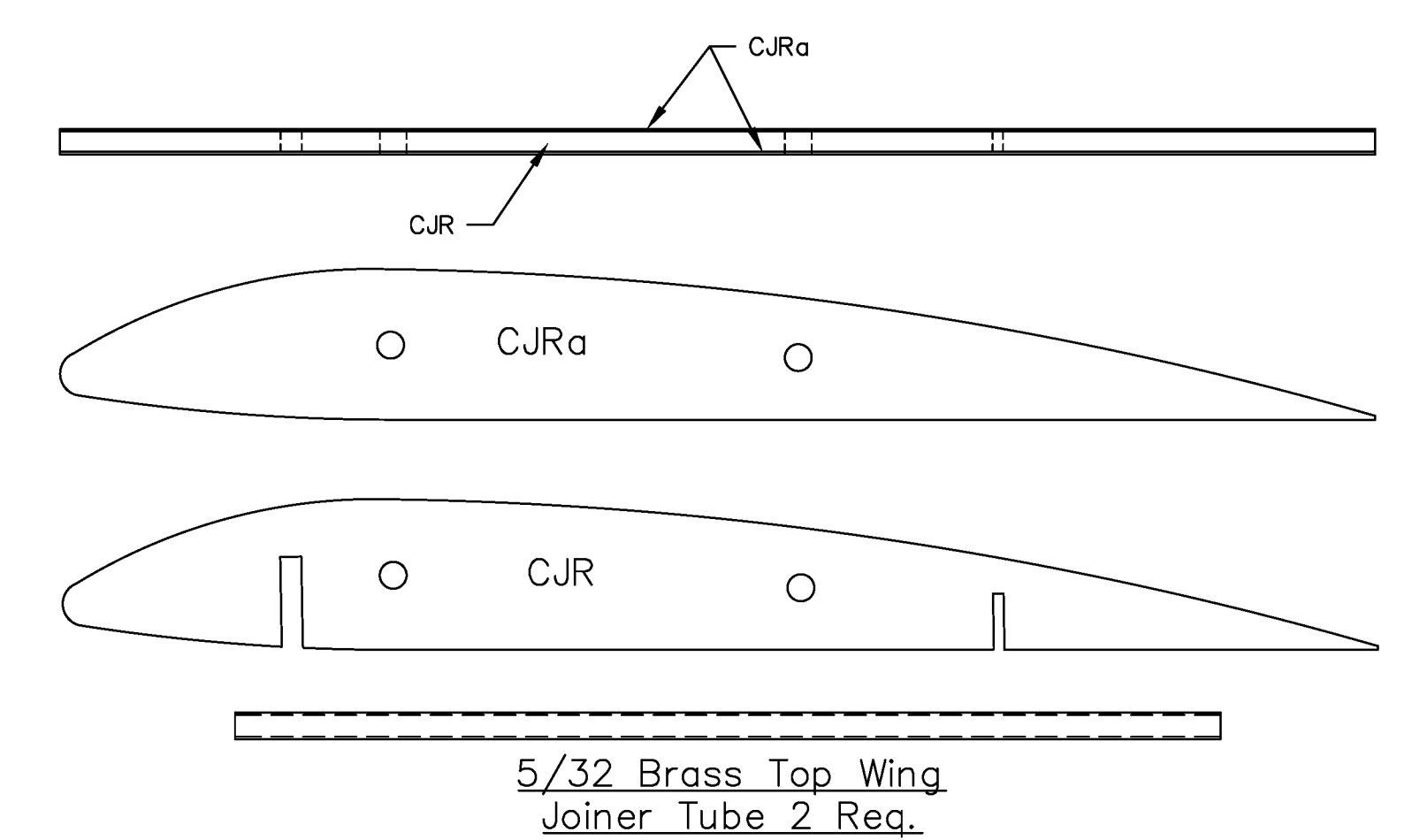
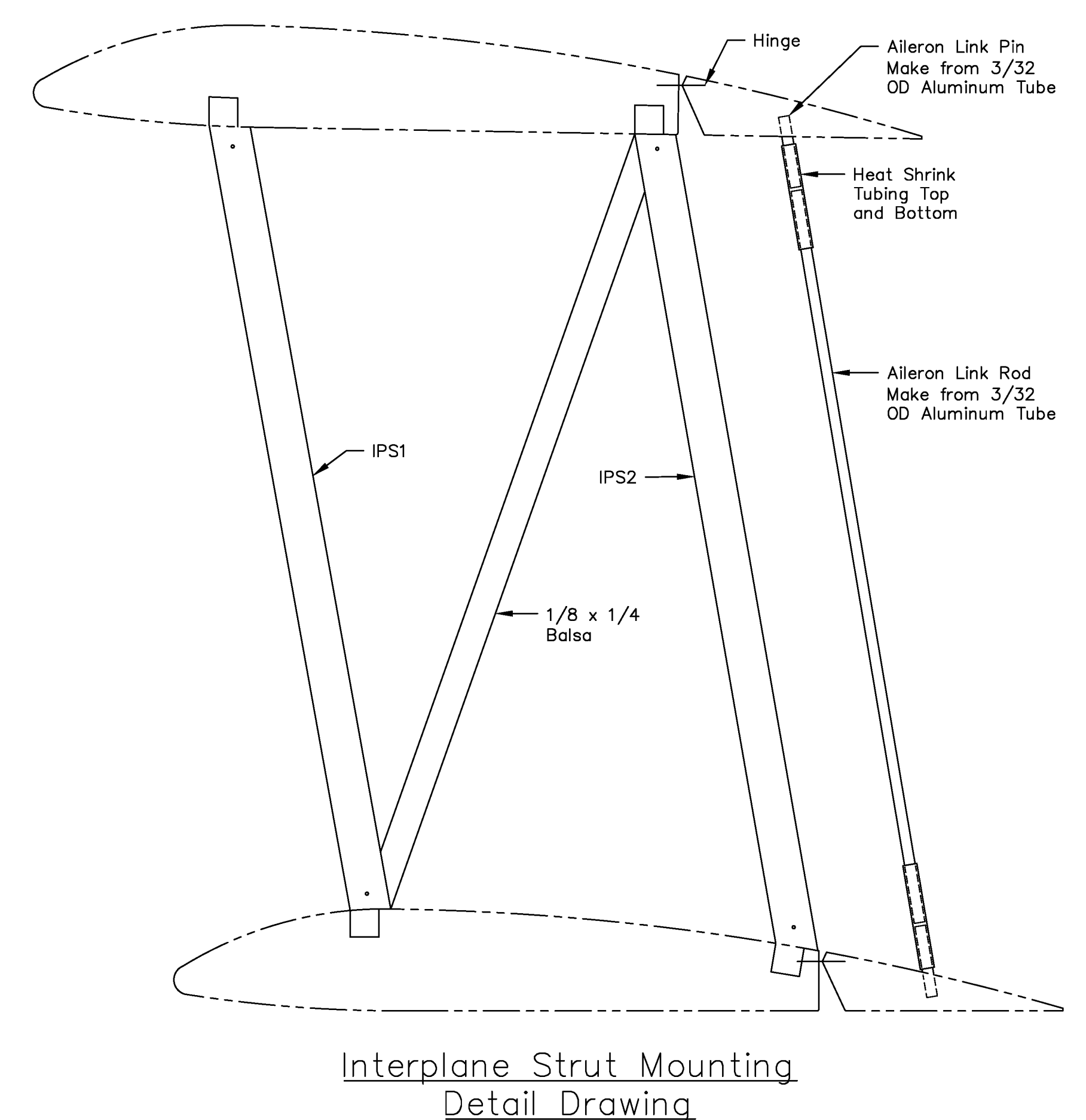
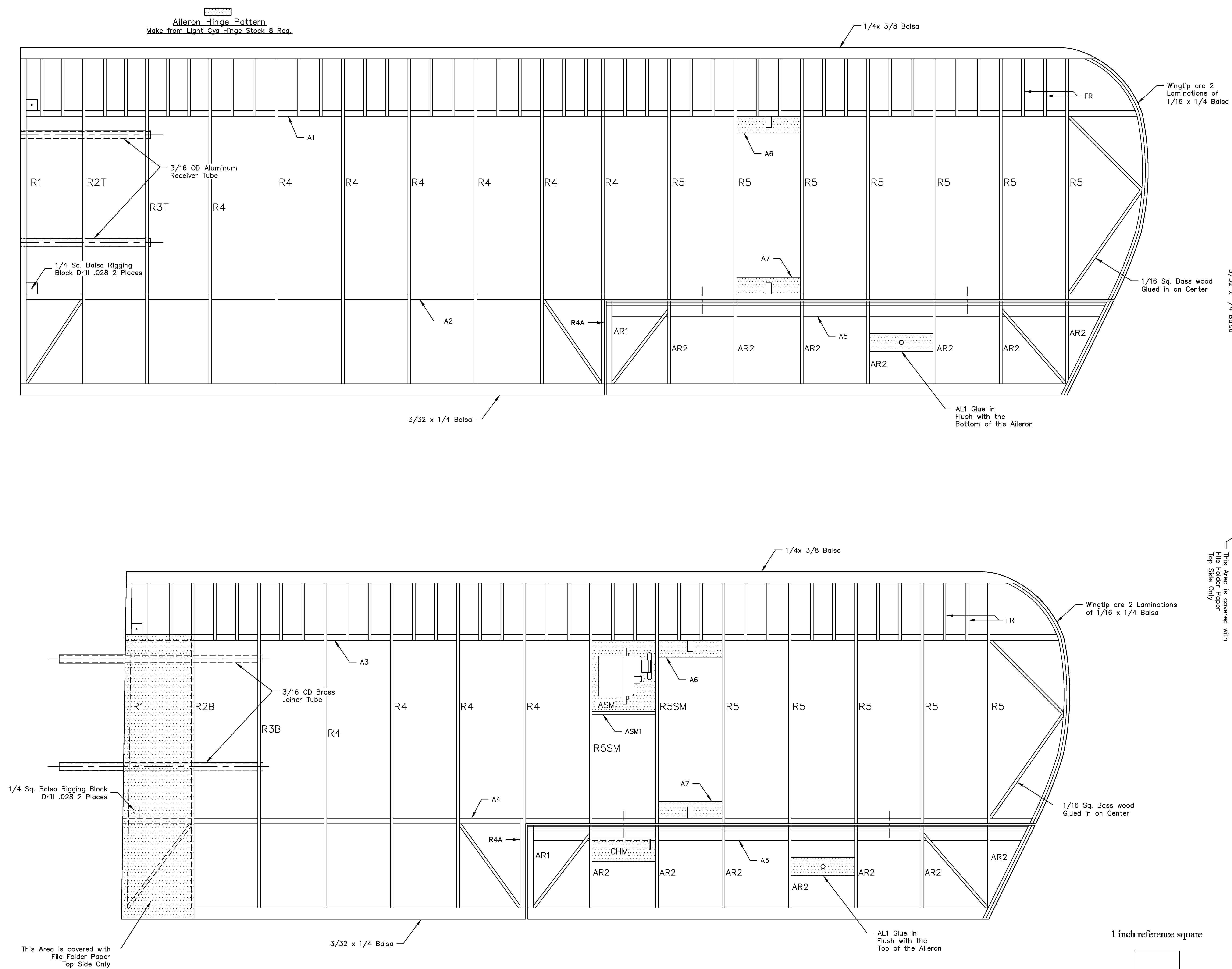
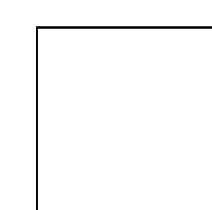
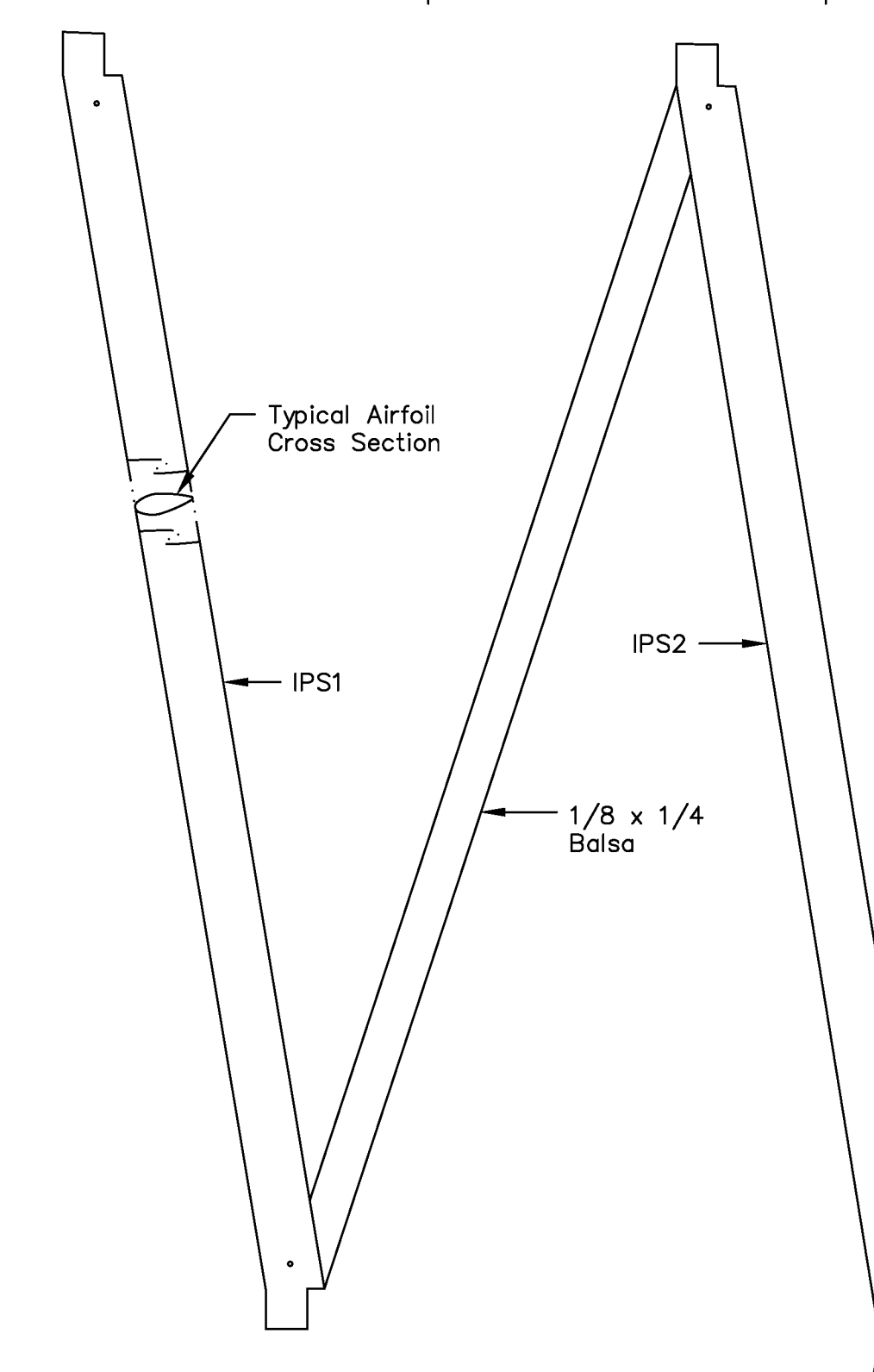
Rudder Hinge Spars
Make from 1/8 x 1/4 Balsa



Note: Sand the Rudder Assembly to an Airfoil Cross Section as Shown



Plan Sheet 2 of 4 7-30-2024



Interplane Strut Assembly
Detail Drawing 2 Req.

Copyright 2025  and **MODEL AVIATION**
Copying for resale of this drawing without
the written approval or consent of AMA
is expressly prohibited.

Plan No. 1149

Alexander Eaglerock OX-5

Span: Top 50.6" Bot. 45 3/16

Length: 37.75"	Scale: 1:8.7
----------------	--------------

Wt: 26 oz. Wing Ldg: 5 oz./ sq. ft.

Des. by: Pat Tritle
for Model Aviation Magazine

Plan Sheet 3 of 4 7-30-2024

FR x 116

AR2 x 28

CM2

CM3

R4A x 4

CHM x 4

ASM x 2

ASM x 2

2

3

4

6

7

8

R5 x 24

R2T x 2

R3T x 2

R2B x 2

R3B x 2

R5SM x 4

R4 x 22

CF --- Front

1 --- Front

9

5

1A

1/16 Balsa 1 Each Req. Unless Otherwise Noted

A1 x 2

A2 x 2

A3 x 2

A4 x 2

R1 x 4

B1 x 2

B5 x 2

B6 x 2

AR1 x 4

AL1 x 4

AB x 4

A7 x 4

CM1 x 2

B2 x 2

B3

TF

AS x 4

B4

CM4

MM3

MM1

MM2

ECH1 x 4

IP1 x 2

IP2 x 2

1/8 Balsa 1 Each Req. Unless Otherwise Noted

MM T-F

Battery Tray

RCH

ECH x 2

ACH x 2

TS x 2

CJRa x 2

SIDE

Tail Fairing

Rudder Bowing Pattern
Make from 3/16 Artists Foam Board
Bow is 2 Laminations of 1/16 x 1/8 x 16" Balsa

1/8 Lite Ply 1 Each Req. 1/32 Ply 1 Each Req. Unless Otherwise Noted

TOP REAR

TOP CENTER

TOP FRONT

BOTTOM

Stabilizer Bowing Pattern
Make from 3/16 Artists Foam Board
Bow is 2 Laminations of 1/16 x 1/8 x 6 Balsa 2 Req.

Wingtip Bowing Pattern
Make from 3/16 Artists Foam Board
Bow is 2 Laminations of 1/16 x 1/4 x 11 Balsa 4 Req.

Fuselage Fairing Cutting Pattern
Make from Manila File Folder Paper 2 Req.

Aft Cockpit Windshield
Make from .015 Acetate

Front Cockpit Windshield
Make from .015 Acetate

Fuselage Fairing Cutting Patterns
Make from Manila File Folder Paper

Full Size Templates and Cutting Patterns

Materials List

Wood:
5- 1/16 x 4 x 36 Balsa Sheet (Cut Parts)
4- 1/8 x 4 x 35 Balsa Sheet (Cut Parts)
1- 1/8 x 3 x 12 Lite Ply (Cut Parts)
1- 1/32 x 3 x 10 Birch Ply (Cut Parts)
Or- Short Kit from manzanolaser.com (includes Laser Cut Parts, Vac-Formed Wheel Covers and Nose Bowl)

2- 1/16 Sq. x 36 Bass Wood
15- 1/16 x 1/8 x 36 Balsa
2-1/16 x 3/16 x 36 Balsa
4- 1/16 x 1/4 x 36 Balsa
3- 1/16 x 3/8 x 36 Balsa
1- 3/32 x 3/16 x 36 Balsa
4- 3/32 x 1/4 x 36 Balsa
17- 1/8 Sq. x 36 Balsa
1- 1/8 x 3/16 x 36 Balsa
1- 1/8 x 1/4 x 36 Balsa
4- 1/8 x 3/8 x 36 Balsa
1- 1/4 Sq. x 12 Balsa
4- 1/4 x 3/8 x 36 Balsa
1- 1/4 x 2 Triangle Stock
1- 1 x 1 x 3 Balsa Block

Wire and Tubing:
1- .032 Dia. x 18 Steel Wire
3- .062 Dia. x 36 Steel Wire
1- 5/32 O. D. x 12 Brass Tube
2- 3/16 O. D. x 12 Brass Tube
1- 1/16 O. D. x 6 Aluminum Tube
2- 3/32 O. D. x 12 Aluminum Tube
1- 3/16 O. D. x 12 Aluminum Tube
1- 7/32 O. D. x 12 Aluminum Tube

Miscellaneous:
1 Pr.- Du-Bro 3" Micro Sport Wheels
1 Pr.- 2 1/2" Simulated Fabric Hub Caps (Park Flyer Plastics)
1- Vac Formed Nose Bowl (Park Flyer Plastics)
1- .010 x 6 x 6 Clear Acetate Sheet
1- .010 x 5 x 5 Styrene Sheet
1- .080 Dia. x 12 Styrene Rod
4- 1/16 Wheel Collars
50 Ft.- Heavy Duty Nylon Thread
1- 1/8 Dia. x 6 Heat Shrink Tube
Light Cya Hinge Stock
2- Manila File Folder
2 Rolls- Covering Material
3/16 Artists Foam Board
1- Round Wooden Toothpick

Power and Guidance:
1- Suppo 2217/9 Outrunner Motor
1- HobbyWing 20A ESC
1- APS 11-5,5E Propeller
1- 2200 mah 2S Lipolly Battery
4- 8 gr. Micro-Servos
2- 6" Servo Extension Leads
1- 6" Y- Lead
Minimum 4-Ch. Radio

Builders Notes

Copyright 2025  and **MODEL AVIATION**

Copying for resale of this drawing without the written approval or consent of AMA is expressly prohibited.

Plan No. 1149

Alexander Eaglerock OX-5

Span: Top 50.6" Bot. 45 3/16

Length: 37.75" | Scale: 1:8.7

Wt: 26 oz. Wing Ldg: 5 oz./ sq. ft.

Des. by: Pat Tritle
for Model Aviation Magazine

Plan Sheet 4 of 4 7-30-2024

1 inch reference square

