THE INFORMATION CONTAINED IN THIS DRAWING IS NOT INTENDED FOR USE IN THE CONSTRUCTION OR MANUFACTURE OF PARTS. THE INFORMATION IS PROVIDED WITHOUT WARRANTY FOR EDUCATIONAL REFERENCE ONLY.
COCKPIT BOTTOM
SIDE RAIL
(A1 & A2)

STEEL - RHS
1"x1", 16swg

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± 1/32
ANGULAR ± 1°
TWO PLACE DECIMAL ± .03
THREE PLACE DECIMAL ± .010

WEIGHT: [813] 32.00

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COCKPIT BOTTOM CROSS RAIL (B1 & B2)

STEEL - RHS
1"x1", 16swg

DIMENSIONS ARE IN INCHES

TOLERANCES:
FRACTIONAL ± 1/32
ANGULAR ± 1°
TWO PLACE DECIMAL ± .03
THREE PLACE DECIMAL ± .010

MATERIAL:
STEEL - RHS
1"x1", 16swg

DO NOT SCALE DRAWING

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WEIGHT:

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107.4°

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL & 1/32
ANGULAR & 1°
TWO PLACE DECIMAL & .03
THREE PLACE DECIMAL & .010

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STEEL - RHS
1"x1", 16swg

BOOK CHASSIS
FRONT ENGINE BAY
BOTTOM CROSS RAIL
(E)
Cockpit Bottom Front Side Rail (D1 & D2)

Material: Steel - RHS 1"x1", 16swg

Dimensions are in inches. Tolerances:
- Fractional: ±1/32
- Angular: ±1°
- Two place decimal: ±.03
- Three place decimal: ±.010

The information contained in this drawing is not intended for use in the construction or manufacture of parts. The information is provided without warranty for educational reference only.

For educational use only.
ENGINE BAY BOTTOM SIDE RAIL
(F1 & F2)

STEEL - RHS
1"x1", 16swg

DIMENSIONS ARE IN INCHES
TOlERANCES:
FRACTIONAL \( \frac{1}{32} \)
ANGULAR \( \pm 1° \)
TWO PLACE DECIMAL \( \pm .03 \)
THREE PLACE DECIMAL \( \pm .010 \)

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FRONT END BOTTOM CROSS RAIL (LD)

MATERIAL:
STEEL - RHS
1"x1", 16swg

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± 1/32
ANGULAR ± 1°
TWO PLACE DECIMAL ± .03
THREE PLACE DECIMAL ± .010

WEIGHT:

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FOR EDUCATIONAL USE ONLY

DO NOT SCALE DRAWING

REV.

SHEET 1 OF 1

SIZE DWG. NO. LD
A

SCALES: 1:1
WEIGHT:
FRONT END ASSEMBLY
("L" ASSEMBLY)

DETAIL A
SCALE 1 : 4

DETAIL B
SCALE 1 : 4

ISOMETRIC VIEW
NOT TO SCALE

"L" ASSEMBLY

H
4 PL

813
32.0

546
21.5

76
3.0

3.0°

MATERIAL

STEEL - RHS
1"x1", 16swg

BOO K CHASSIS
BOTTOM UPRIGHT RAIL LAYOUT

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DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± 1/32
ANGULAR ± 1°
TWO PLACE DECIMAL ± .03
THREE PLACE DECIMAL ± .010

WEIGHT:
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CENTER UPRIGHT (H)

STEEL - RHS
1"x1", 16swg

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± 1/32
ANGULAR ± 1°
TWO PLACE DECIMAL ± .03
THREE PLACE DECIMAL ± .010

WEIGHT:

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BOOK CHASSIS

REAR BULKHEAD
SIDE MEMBER
(K1 & K2)

MATERIAL:
STEEL - RHS
1"x1", 16swg

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL 1/32
ANGULAR ± 1°
TWO PLACE DECIMAL ± .03
THREE PLACE DECIMAL ± .010

WEIGHT:

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REAR BULKHEAD
TOP CROSS RAIL

O

STEEL - RHS
1"x1", 16swg

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL 1/32
ANGULAR ± 1°
TWO PLACE DECIMAL ± .03
THREE PLACE DECIMAL ± .010

MATERIAL:
STEEL - RHS

FOR EDUCATIONAL USE ONLY
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NOTE: FRONT ASSEMBLY AND BOTTOM RAILS HIDDEN FOR CLARITY.

ISOMETRIC VIEW: NOT TO SCALE

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL  1/32
ANGULAR  1
TWO PLACE DECIMAL  .03
THREE PLACE DECIMAL  .010

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STEEL - RHS
1"x1", 16swg

DO NOT SCALE DRAWING

FOR EDUCATIONAL USE ONLY

SIZE | DWG. NO. | MATERIAL
A | bookFrame | STEEL - RHS

SHEET 1 OF 1
COCKPIT TOP SIDE RAIL (N1 & N2)

DIMENSIONS ARE IN INCHES

TOLERANCES:
- FRACTIONAL: ±1/32
- ANGULAR: ±1°
- TWO PLACE DECIMAL: ±.03
- THREE PLACE DECIMAL: ±.010

MATERIAL:
STEEL - RHS
1"x1", 16swg

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WEIGHT:

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SCUTTLE SUPPORT CROSS RAIL

(P)

MATERIAL: STEEL - RHS

1"x1", 16swg

DIMENSIONS ARE IN INCHES

TOLERANCES:

FRACTIONAL ±1/32

ANGULAR ±1°

TWO PLACE DECIMAL ±.03

THREE PLACE DECIMAL ±.010

WEIGHT:

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FOR EDUCATIONAL USE ONLY

DO NOT SCALE DRAWING

SCALE: 1:1

BOOK CHASSIS

DIMENSIONS:

912
35.9

25
1.0

80°
REAR END BOTTOM OUTER CROSS RAIL (V)

**MATERIAL:** STEEL - RHS
1"x1", 16swg

**DIMENSIONS ARE IN INCHES**

**TOLERANCES:**
- FRACTIONAL: 1/32
- ANGULAR: 1°
- TWO PLACE DECIMAL: .03
- THREE PLACE DECIMAL: .010

**WEIGHT:**
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**SCALE: 1:1**

**DO NOT SCALE DRAWING**
REAR END BOTTOM INNER CROSS RAIL (Y)

STEEL - RHS
1"x1", 16swg

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± 1/32
ANGULAR ± 1°
TWO PLACE DECIMAL ± .03
THREE PLACE DECIMAL ± .010

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BOOK CHASSIS

WEIGHT:

SIZE

REV.

SCALE: 1:1
REAR END BOTTOM CORNER TUBE

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL 1/32
ANGULAR ± 1°
TWO PLACE DECIMAL ± .03
THREE PLACE DECIMAL ± .010

MATERIAL:
STEEL - TUBE Ø 3/4"

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FOR EDUCATIONAL USE ONLY

WEIGHT:

DIMENSIONS DWG. NO.
REV.
SIZE
DWG.
NO.
SHEET 1 OF 1
WEIGHT
TOP PLATE

TOP PLATE MEMBER

DIMENSIONS ARE IN INCHES

TOLERANCES:
FRACTIONAL ± 1/32
ANGULAR ± 1°
TWO PLACE DECIMAL ± .03
THREE PLACE DECIMAL ± .010

WEIGHT:

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FOR EDUCATIONAL USE ONLY

DO NOT SCALE DRAWING

REAR BULKHEAD
TOP PLATE ASSEMBLY

SHEET 1 OF 1
BOOK CHASSIS
REAR BULKHEAD
TOP PLATE

MATERIAL: STEEL - PLATE
1/8" THICK

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± 1/32
ANGULAR ± 1°
TWO PLACE DECIMAL ± .03
THREE PLACE DECIMAL ± .010

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REAR BULKHEAD TOP PLATE MEMBER

MATERIAL: STEEL - RHS
3/4" x 3/4", 16swg

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± 1/32
ANGULAR ± 1°
TWO PLACE DECIMAL ± .03
THREE PLACE DECIMAL ± .010

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FOR EDUCATIONAL USE ONLY

REAR BULKHEAD TOP PLATE MEMBER

SHEET 1 OF 1

SCALE: 1:1
WEIGHT:

rearPlateMember

REV.

SIZE
DWG. NO.
SCALE 1:1

384
NOTE: ALL ASSEMBLED PARTS FORWARD OF "B1" AND "O" HIDDEN FOR CLARITY.
REAR END LEFT SIDE DIAGONAL SUPPORT MEMBER (W1)

Material: STEEL - RHS
3/4" X 3/4", 16swg

Dimensions are in inches.

Tolerances:
- Fractional: ±1/32
- Angular: ±1°
- Two place decimal: ±.03
- Three place decimal: ±.010

Scale: 1:1

Weight:

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19 3/4" 638 25.1

52° 48°

87° 93°

REAR END RIGHT SIDE DIAGONAL SUPPORT MEMBER (W2)

MATERIAL
STEEL - RHS 3/4" X 3/4", 16swg

DIMENSIONS ARE IN INCHES

TOLERANCES:
FRACTIONAL ± 1/32
ANGULAR ± 1°
TWO PLACE DECIMAL ± .03
THREE PLACE DECIMAL ± .010

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WEIGHT:

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REAR END UPRIGHT SUPPORT TUBE (X3 & X4)

DIMENSIONS ARE IN INCHES
TOLERANCES:
- FRACTIONAL ± 1/32
- ANGULAR ± 1°
- TWO PLACE DECIMAL ± .03
- THREE PLACE DECIMAL ± .010

MATERIAL:
STEEL - TUBE
Φ 3/4"
NOTE: OVERALL LENGTH = 18.9 [480]
REAR BULKHEAD CENTER CROSS RAIL (O3)

MATERIAL: STEEL - RHS
1"x1", 16swg

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± 1/32
ANGULAR ± 1°
TWO PLACE DECIMAL ± .03
THREE PLACE DECIMAL ± .010

WEIGHT:

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REAR BULHEAD LEFT SIDE DIAGONAL SUPPORT MEMBER (O1)

MATERIAL: STEEL - RHS 1"X1", 16swg

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± 1/32
ANGULAR ± 1°
TWO PLACE DECIMAL ± .03
THREE PLACE DECIMAL ± .010

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REAR BULKHEAD RIGHT SIDE DIAGONAL SUPPORT MEMBER (O2)

STEEL - RHS 1"X1", 16swg

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± 1/32
ANGULAR ± 1°
TWO PLACE DECIMAL ± .03
THREE PLACE DECIMAL ± .010

WEIGHT:
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FOR EDUCATIONAL USE ONLY

SCALE: 1:1

REV.

SHEET 1 OF 1

DO NOT SCALE DRAWING

BOOK CHASSIS
REAR BULKHEAD TUNNEL UPRIGHT (e&f)

STEEL - RHS
3/4"X3/4", 16swg

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± 1/32
ANGULAR ± 1°
TWO PLACE DECIMAL ± .03
THREE PLACE DECIMAL ± .010

WEIGHT:

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MAT. FOR EDUCATIONAL USE ONLY

DO NOT SCALE DRAWING

SCALE: 1:1

BOOK CHASSIS

DIM. DWG. NO.

A

REV.

trans_e_f
REAR END DIAGONAL SUPPORT MEMBER (Z)

MATERIAL: STEEL - RHS 1"x1", 16swg

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± 1/32
ANGULAR ± 1°
TWO PLACE DECIMAL ± .03
THREE PLACE DECIMAL ± .010

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BOOK CHASSIS

DIN 25  22.0
25  1.0
559  22.0
47.0°  43.0°  75.5°  75.5°
ENGINE MOUNT BOTTOM INSIDE RAIL (G1 & G2)

DIMENSIONS ARE IN INCHES

TOLERANCES:
- FRACTIONAL ± 1/32
- ANGULAR ± 1°
- TWO PLACE DECIMAL ± .03
- THREE PLACE DECIMAL ± .010

MATERIAL:
STEEL - RHS
1"x1", 16swg

DO NOT SCALE DRAWING

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SCALE: 1:1

WEIGHT:

BOOK CHASSIS

DIMENSIONS:

[688] 27.1

[25] 1.0
ENGINE BAY STRENGTH MEMBER (R)

BOOK CHASSIS

DIMENSIONS ARE IN INCHES

TOLERANCES:
- FRACTIONAL ± 1/32
- ANGULAR ± 1°
- TWO PLACE DECIMAL ± .03
- THREE PLACE DECIMAL ± .010

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MATERIAL:
STEEL - RHS
1"x1", 16swg

DO NOT SCALE DRAWING

SHEET ASDF ASDF ASDF