

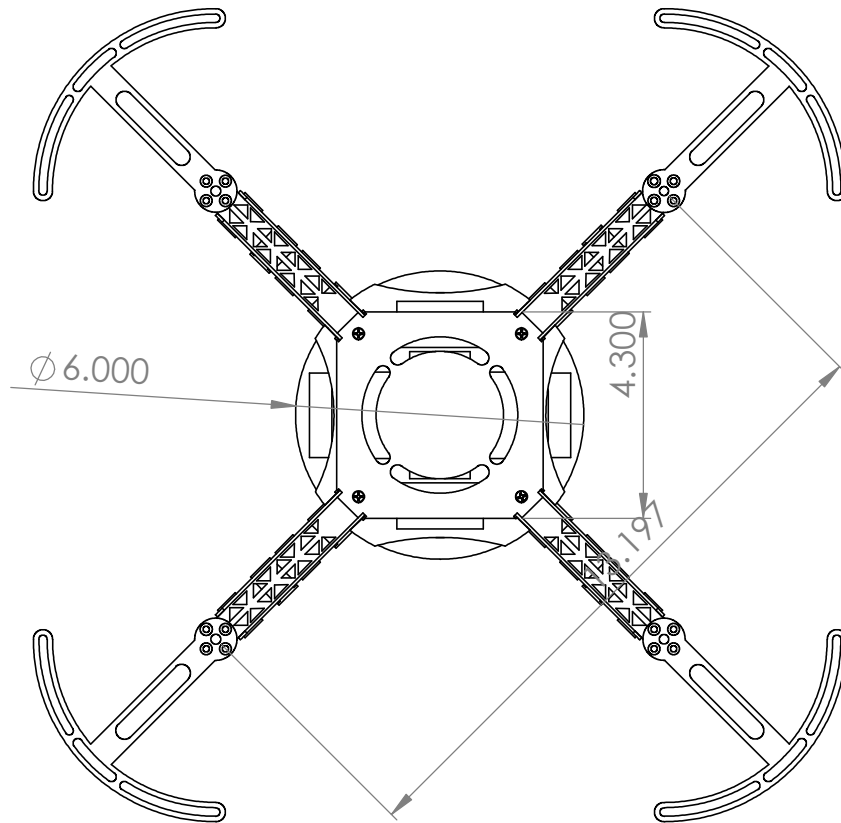
2

1

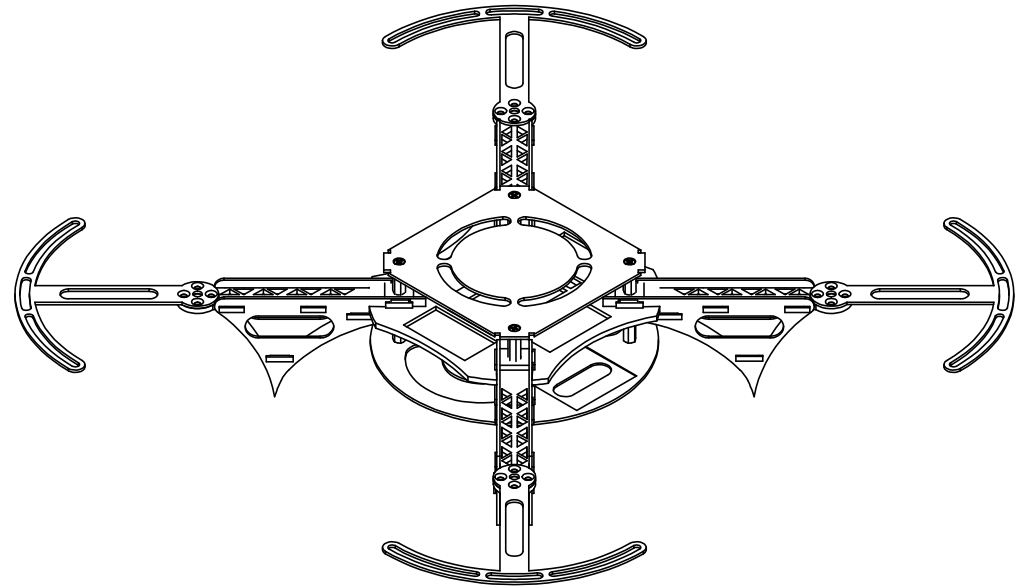
Full Quadcopter Assembly

All Dimensions in In / Dimensions Repeated for Symmetry

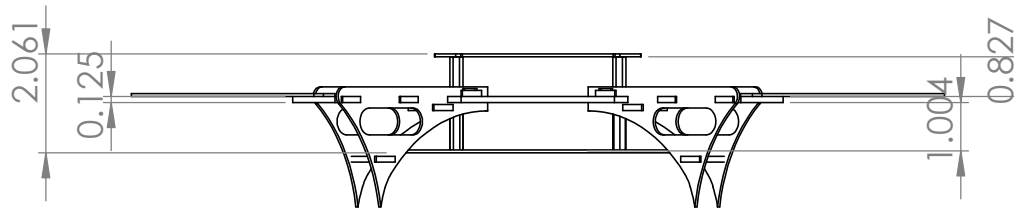
B



B



A



A

NAME DATE
DRAWN Lyuyang Hu 10/27/16
COMMENTS:

A.N.T. Lab

TITLE:

Quadcopter 3.2

SIZE A	DWG. NO. DRAW 1	REV
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SCALE: 1:4

SHEET 1 OF 9

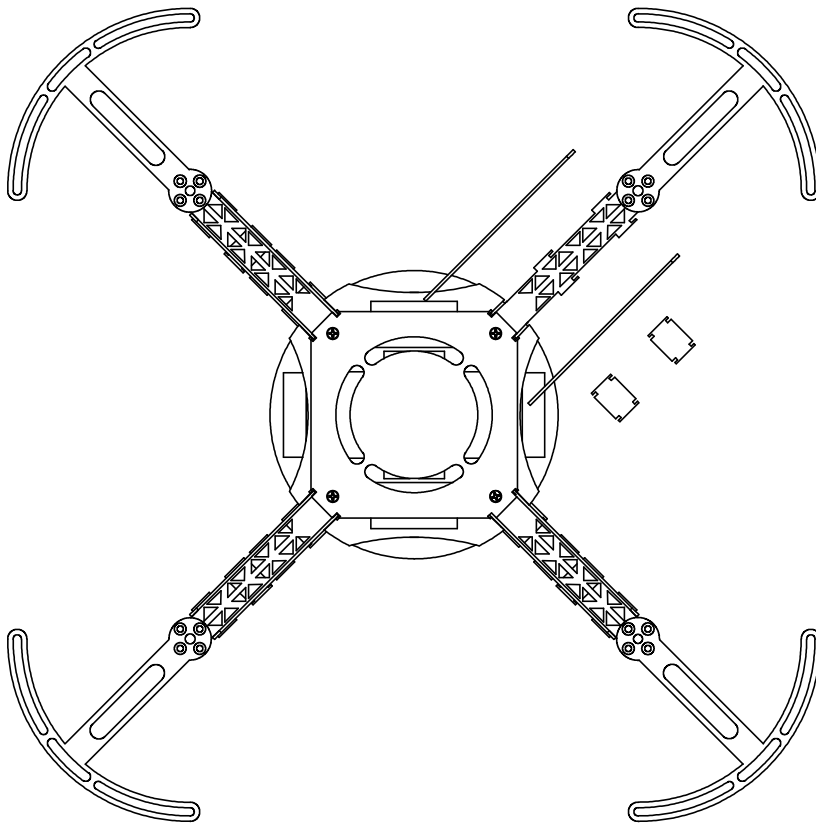
1

2

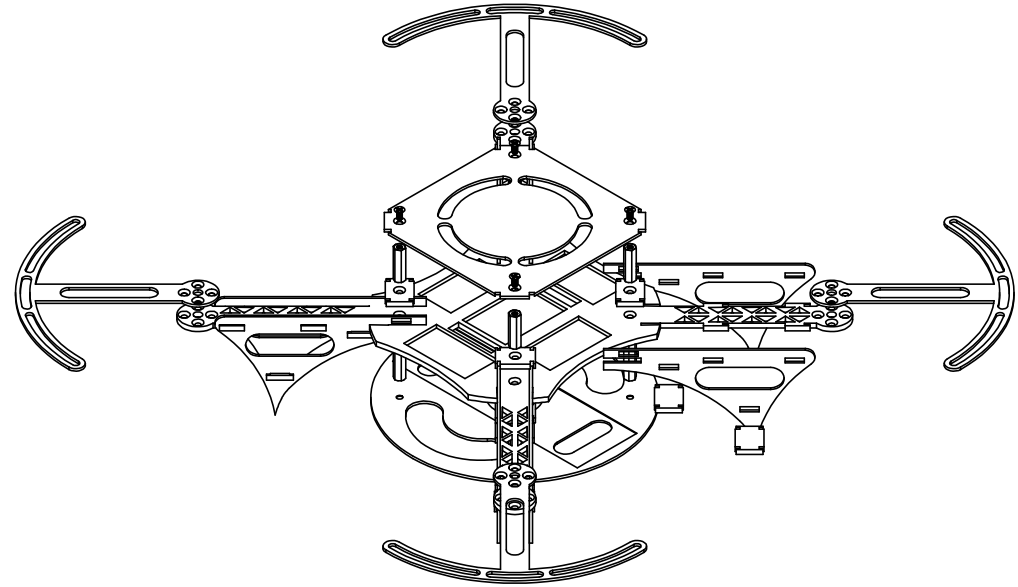
1

Exploded View of Full Assembly

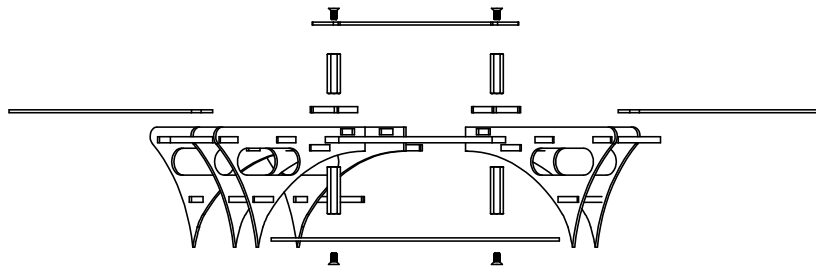
B



B



A



A

NAME DATE
DRAWN Lyuyang Hu 10/27/16
COMMENTS:

A.N.T. Lab

TITLE:

Quadcopter 3.2

SIZE	DWG. NO.	REV
A	DRAW 1	

SCALE: 1:4

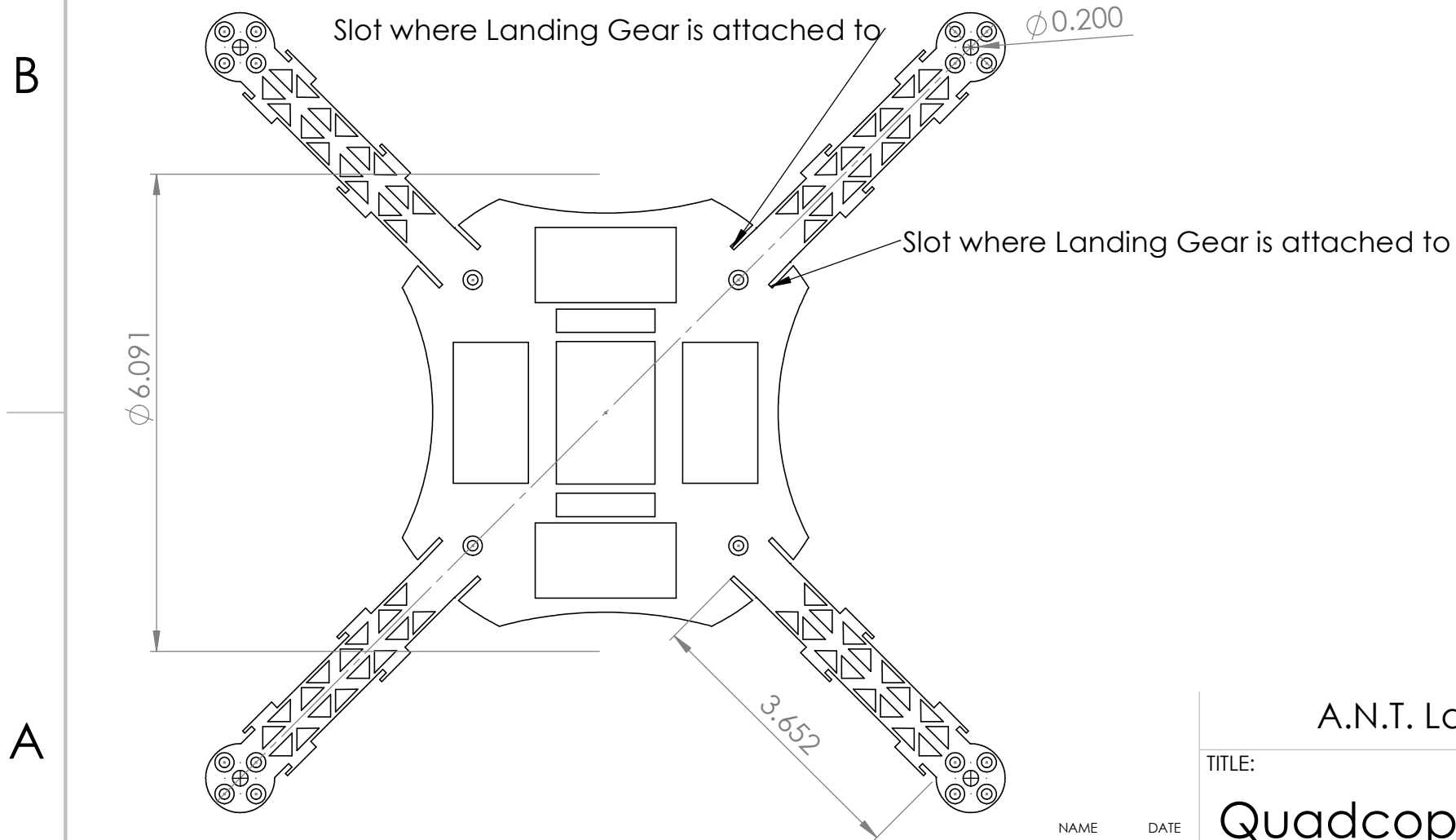
SHEET 2 OF 9

1

Middle Layer - Arms and Center Plate

1/8" Polycarbonate Sheet ONE Piece

All Dimensions in In / Dimensions Repeated for Symmetry



A.N.T. Lab

TITLE:

Quadcopter 3.2

DRAWN NAME DATE
Lyuyang Hu 10/27/16

COMMENTS:

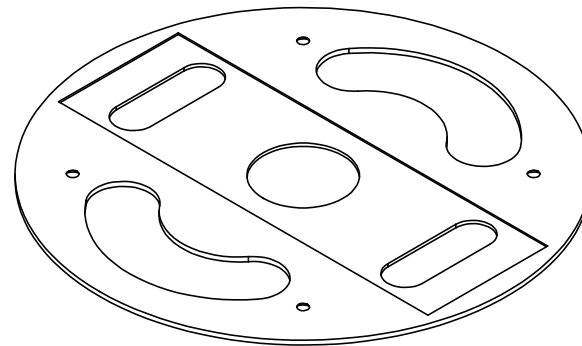
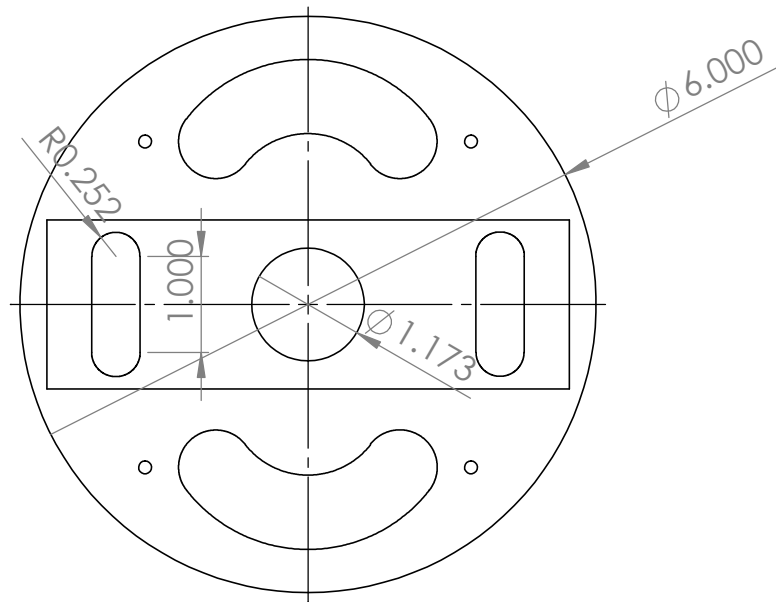
SIZE	DWG. NO.	REV
A	DRAW 1	

SCALE: 1:3

SHEET 3 OF 9

Bottom Plate - Battery and RC Transmitter

1/16" Polycarbonate Sheet ONE Piece
All Dimensions in In / Dimensions Repeated for Symmetry

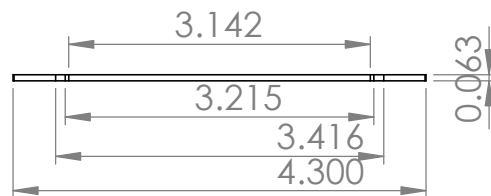
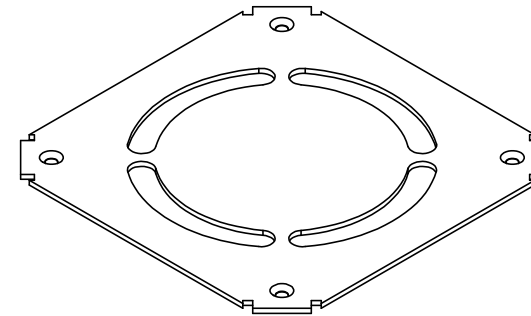
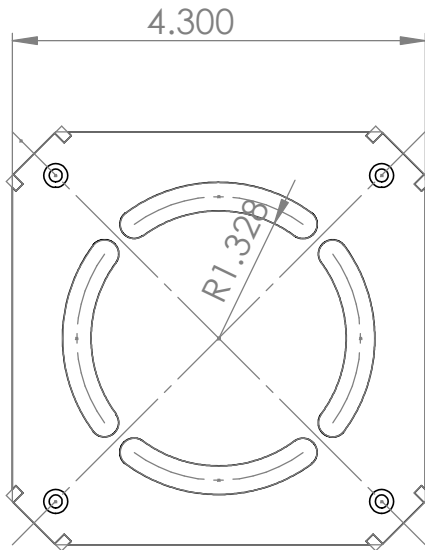


A.N.T. Lab		
TITLE:		
Quadcopter 1.0		
SIZE	DWG. NO.	REV
A	DRAW 1	
SCALE: 1:2		SHEET 4 OF 9

NAME DATE
DRAWN Lyuyang Hu 10/27/16
COMMENTS:

Top Plate - Flight Controller and ESEs

1/16" Polycarbonate Sheet ONE Piece
All Dimensions in In / Dimensions Repeated for Symmetry



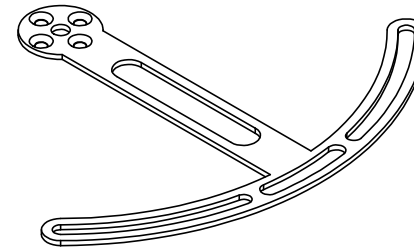
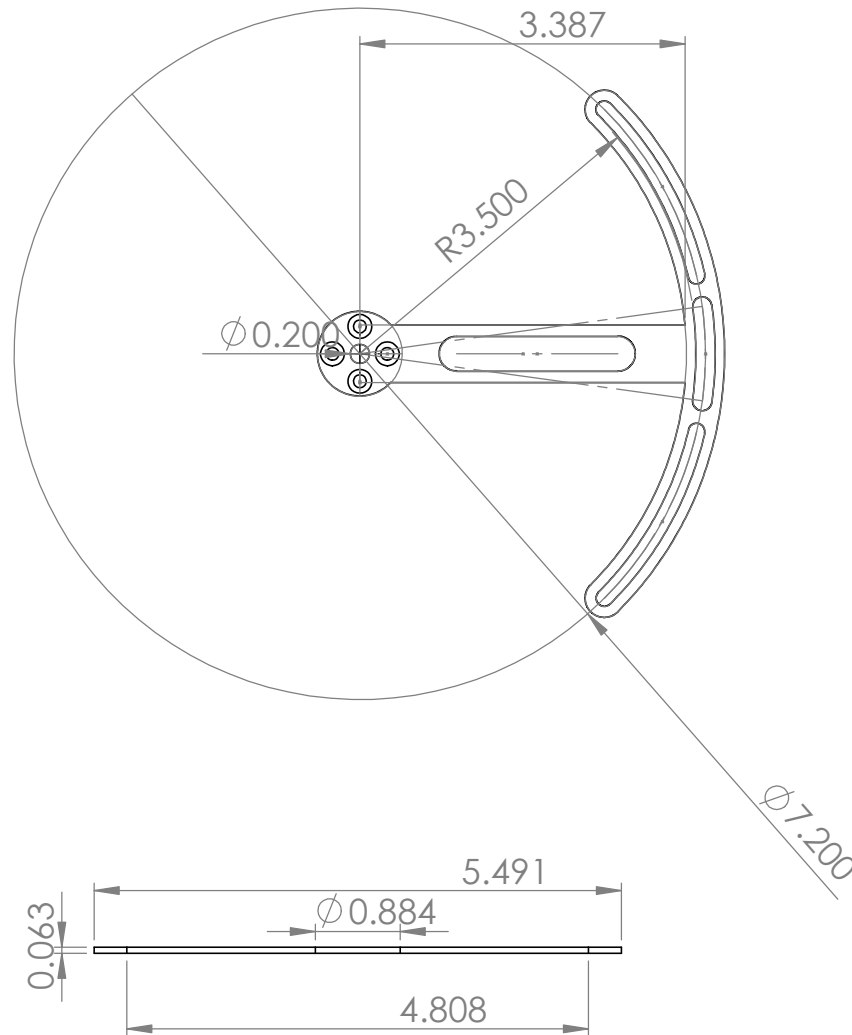
NAME DATE
DRAWN Lyuyang Hu 10/27/16
COMMENTS:

A.N.T. Lab
TITLE:
Quadcopter 1.0

SIZE A	DWG. NO. DRAW 1	REV
SCALE: 1:2		SHEET 5 OF 9

Propeller Guard

1/16" Polycarbonate Sheet FOUR Pieces
All Dimensions in In / Dimensions Repeated for Symmetry



A.N.T. Lab

TITLE:

Quadcopter 1.0

DRAWN NAME DATE
Lyuyang Hu 10/27/16

COMMENTS:

SIZE	DWG. NO.	REV
A	DRAW 1	

SCALE: 1:2

SHEET 6 OF 9

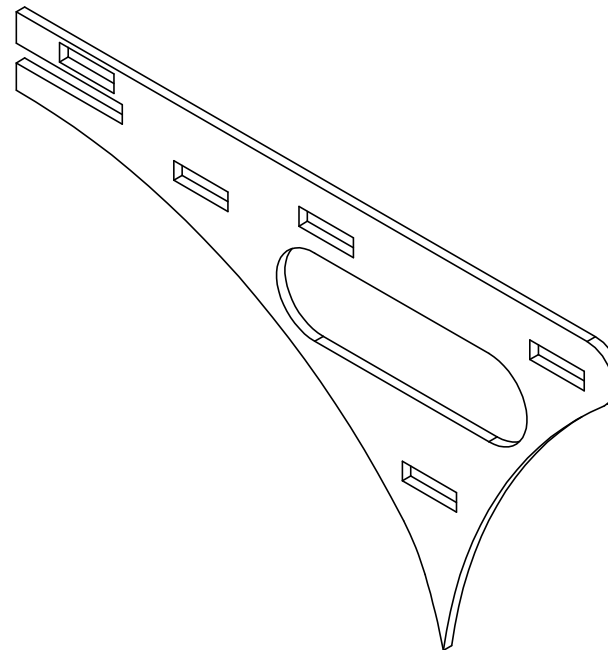
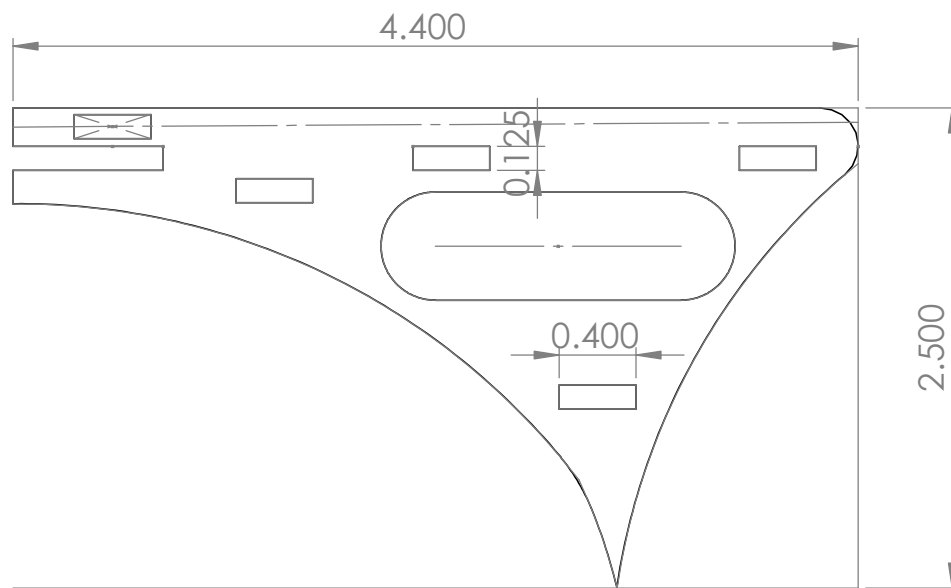
2

1

Landing Gear

1/16" Polycarbonate Sheet EIGHT Pieces
All Dimensions in In / Dimensions Repeated for Symmetry

B



B

A

A

A.N.T. Lab

TITLE:

Quadcopter 3.2

NAME DATE
DRAWN Lyuyang Hu 10/27/16
COMMENTS:

SIZE	DWG. NO.	REV
A	DRAW 1	

SCALE: 1:2

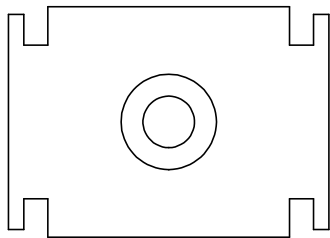
SHEET 7 OF 9

1

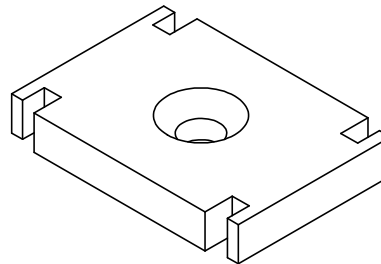
Landing Gear Connector

1/8" Polycarbonate Sheet Pieces

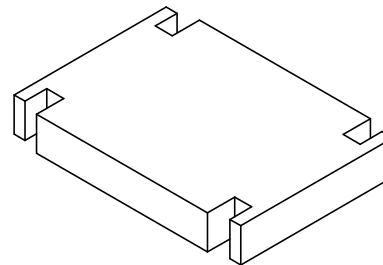
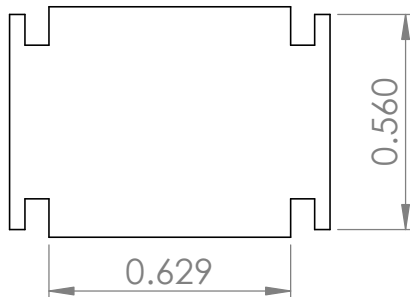
All Dimensions in In / Dimensions Repeated for Symmetry



Connectors With Screws
FOUR Pieces



Connectors With Screws
FOUR Pieces



Connectors Without Screws
Eight Pieces

A.N.T. Lab

TITLE:

Quadcopter 1.0

NAME DATE
DRAWN Lyuyang Hu 10/27/16

COMMENTS:

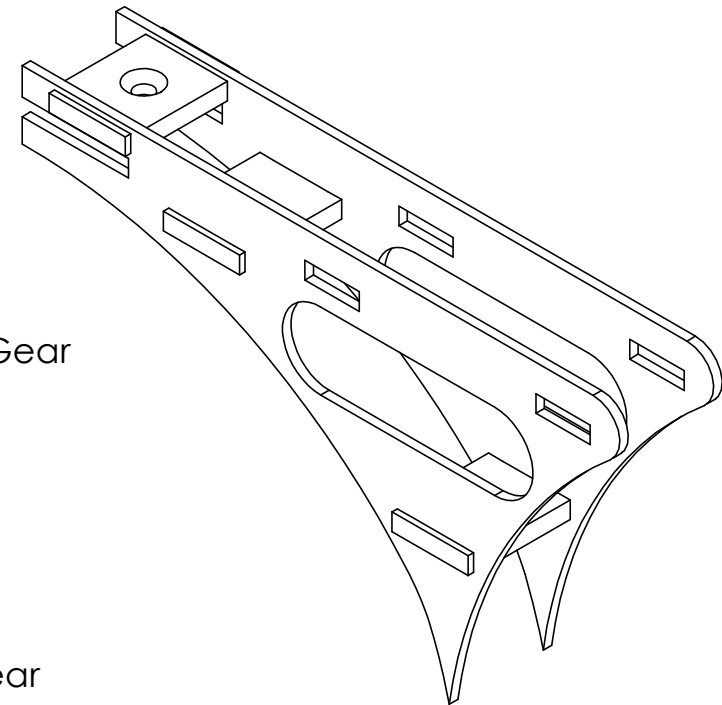
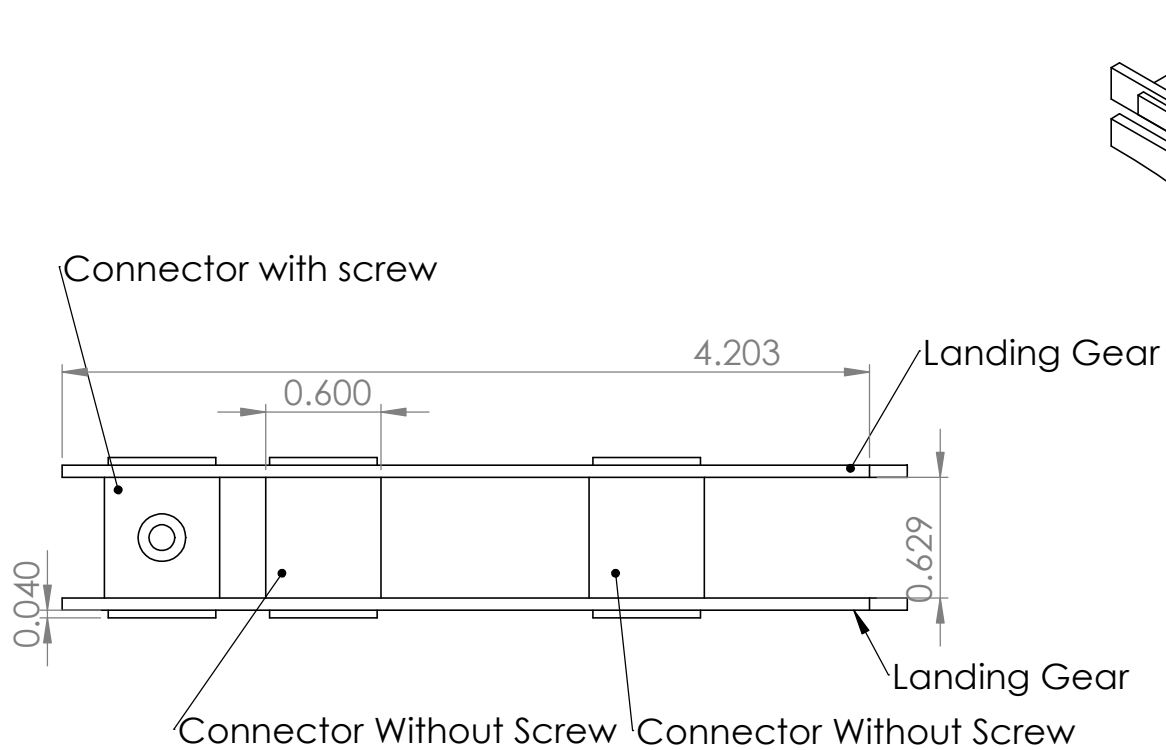
SIZE	DWG. NO.	REV
A	DRAW 1	

SCALE: 1:2

SHEET 8 OF 9

Assembly of a Pair of Landing Gears

Materials are indicated in the previous drawings FOUR Pairs
All Dimensions in In / Dimensions Repeated for Symmetry



A.N.T. Lab

TITLE:

Quadcopter 3.2

NAME DATE
DRAWN Lyuyang Hu 10/27/16

COMMENTS:

SIZE	DWG. NO.	REV
A	DRAW 1	

SCALE: 1:1

SHEET 9 OF 9