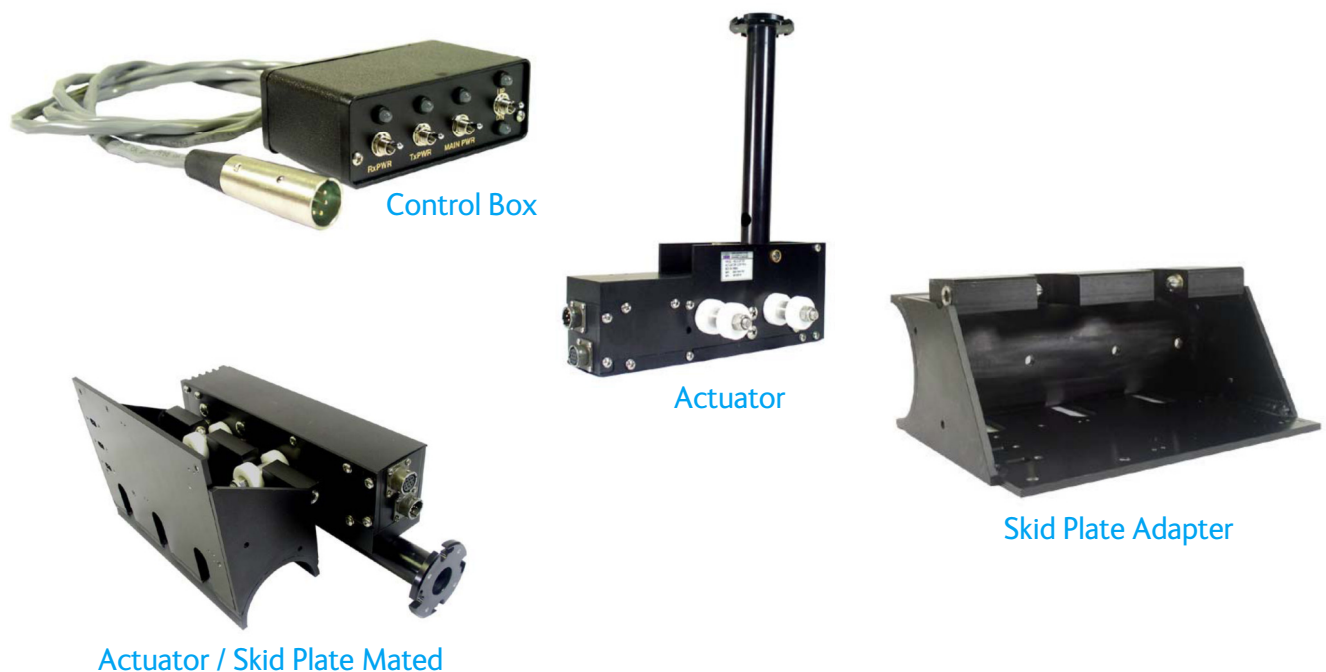


# Rapid Deployment Helicopter Antenna Actuator System

**COBHAM**

The most important thing we build is trust.

Cobham Antenna Actuator System provides superior transmission and reception by extending the antenna below the airship, away from the body of the helicopter. With a flip of a switch, the antenna is brought up and safely stowed for landing. Designed for safety and convenience, this system can be installed in a few minutes and is designed to safely breakaway in the event that the antenna is not retracted properly.



**The basic system is comprised of three components shown above:**

\* Control Box

\* Actuator

\* Skid Plate Adapter

The control box provides controls and status indicators for the antenna deployment as well as two additional devices. Cobham offers a wide variety of FM and COFDM transmitters, power amplifiers and receivers that can optionally be installed on the Skid Plate Adapter and be enabled via the Control box. An optional Remote Control Unit (RCU) can also be provided to change frequencies, power levels or any transmitter parameter. High efficiency switching power supplies are provided to allow the entire system to run from 28V.

# Specifications

## Physical

### Skid Plate Adapter

Shoe Diameter: 3.15 inches (80 mm)  
(Also supports smaller diameters skids)

Weight: 6.8 lbs (3.084 kg)

### Actuator

Weight: 6.8 lbs (3.084 kg)

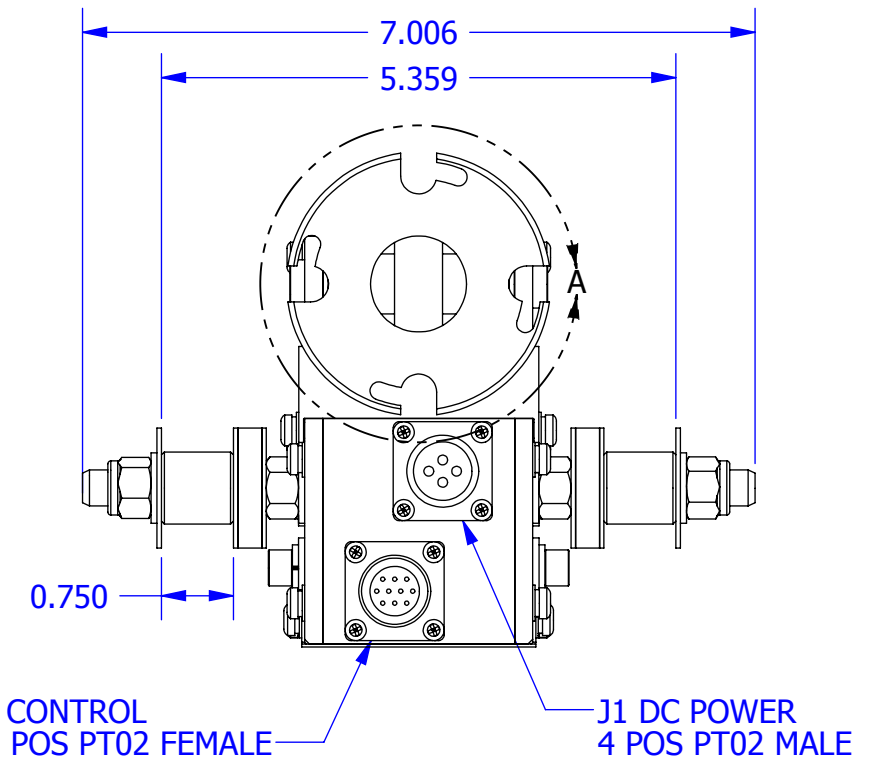
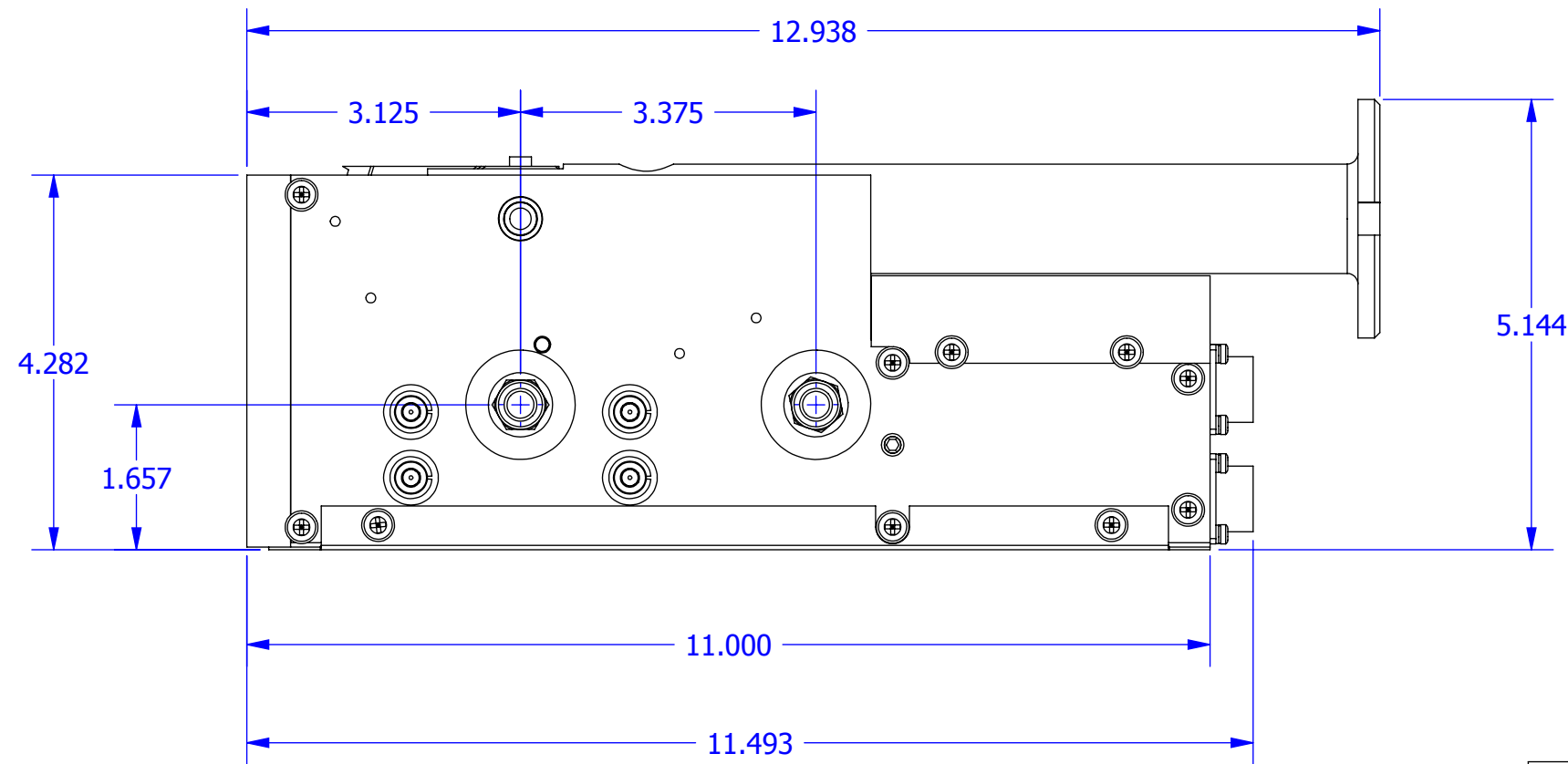
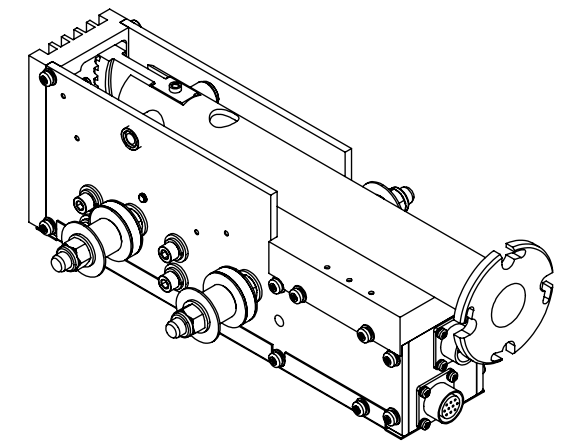
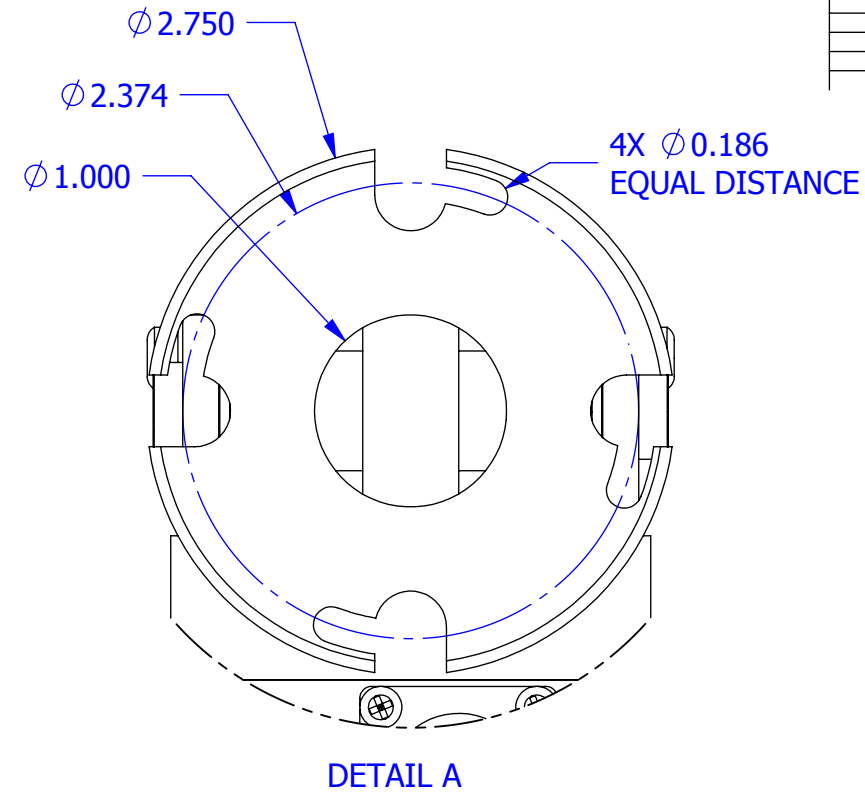
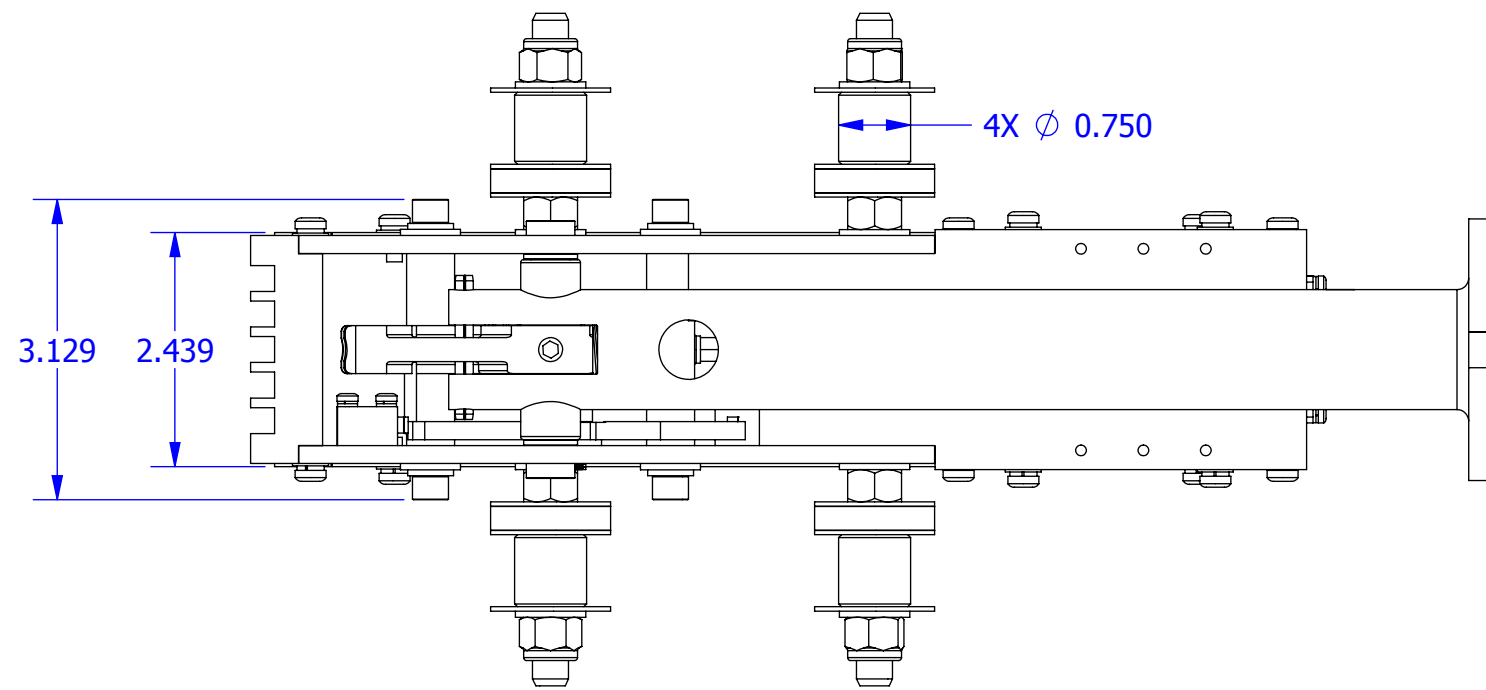
### Control Box

Weight: 1.23 lbs (0.558kg)

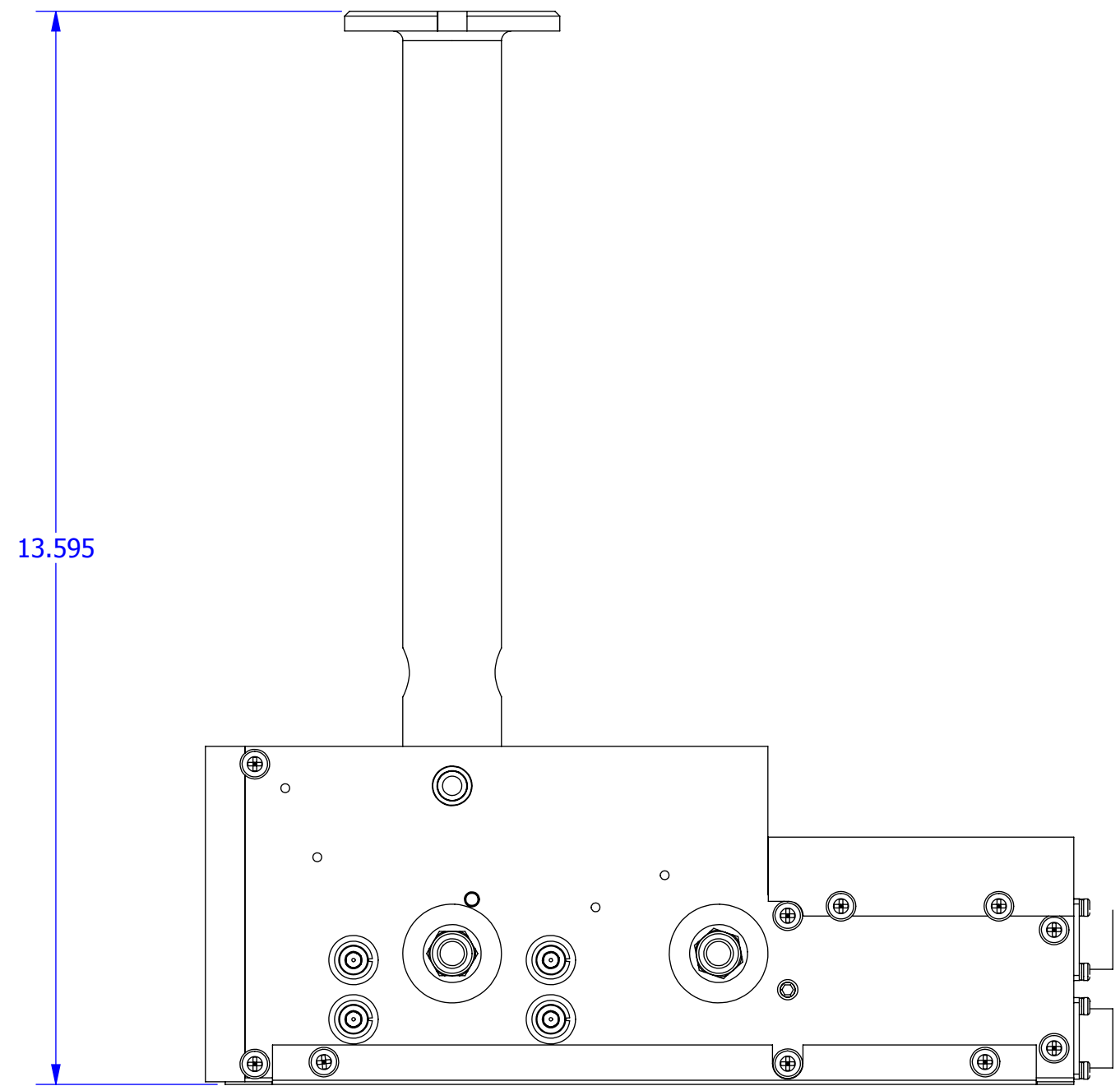
Total weight 15.63 lbs (7.089 kg)

**NOTES:** (UNLESS OTHERWISE SPECIFIED)  
 1. DRAWING AS PER ASME Y14.5 - 1994.

REVISION:						
REV	ECR/ECO	DESCRIPTION	DATE	DRFT	CHK	APPR
X1	E1479	INITIAL RELEASE	07/29/10	SLP		



<b>TOLERANCES</b> UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING		<b>COBHAM</b> GMS INC. COBHAM SURVEILLANCE T: (760)496-0055 F: (760)496-0057 WWW.COBHAM.COM/GMS	SIZE: <b>B</b>	DRAWING TITLE: <b>MD,HAAM,          ACTUATOR</b>	DRAWING: <b>100-MD0117X1</b>	DRAWN BY: S PHILLIPS	DATE: 07/29/10
LINEAR X.X = +/- 0.1 X.XX = +/- 0.02 X.XXX = +/- 0.005	ANGLE X.X = +/- 0.2 DEG		SCALE: <b>N/A</b>		APPROX WEIGHT: <b>6.207 LBS</b>	DESIGNER: D. SOWELL	DATE: 07/29/10
THIRD ANGLE PROJECTION				BOM: <b>755-A0682X3</b>	ENGINEER: O. DE MEYER	DATE: 	SHEET: <b>1 OF 2</b>
						REV: <b>X1</b>	

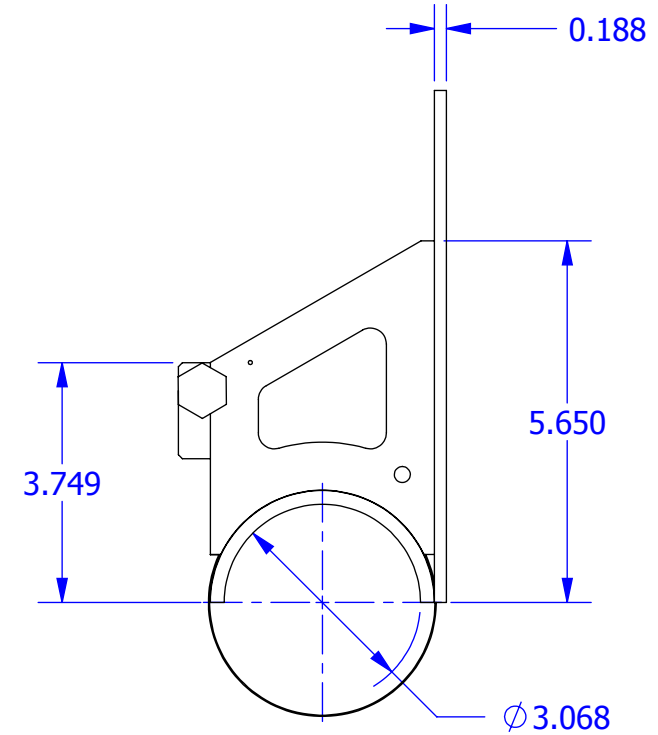
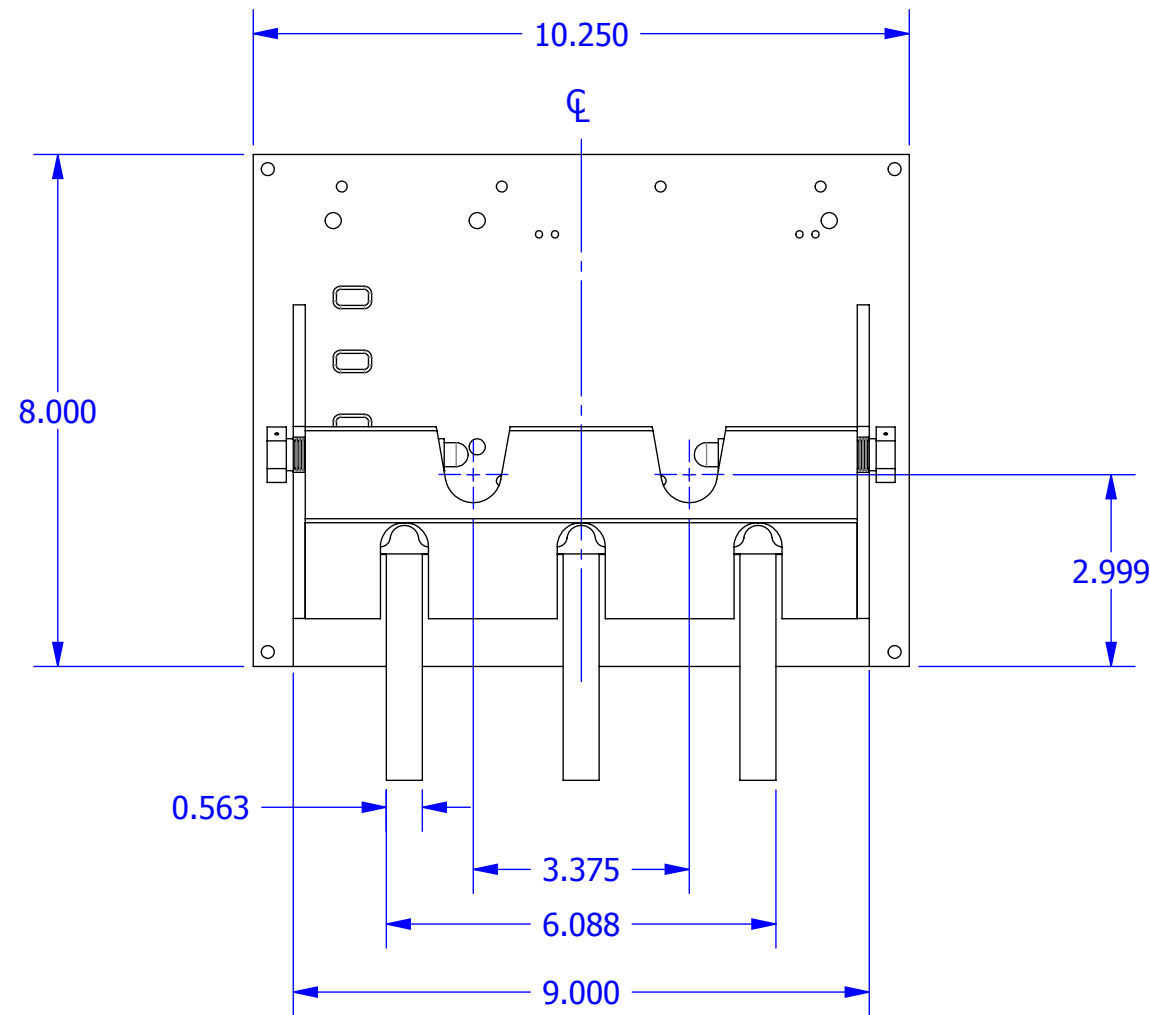
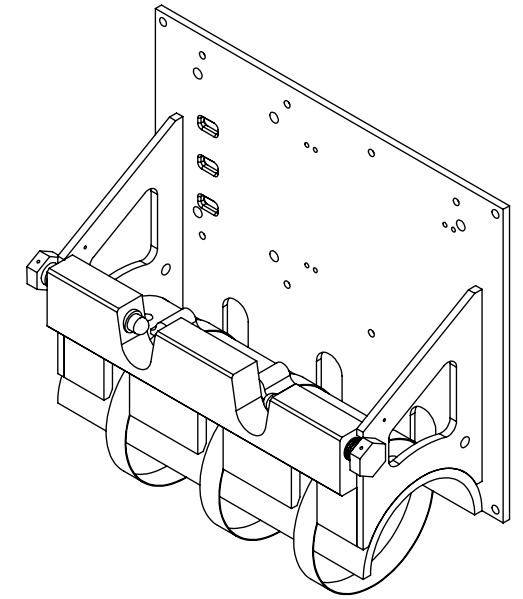
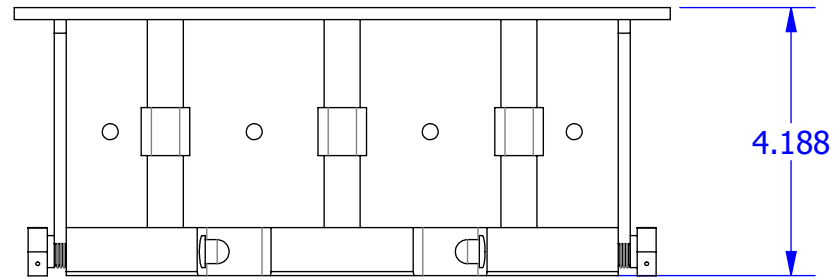


13.595

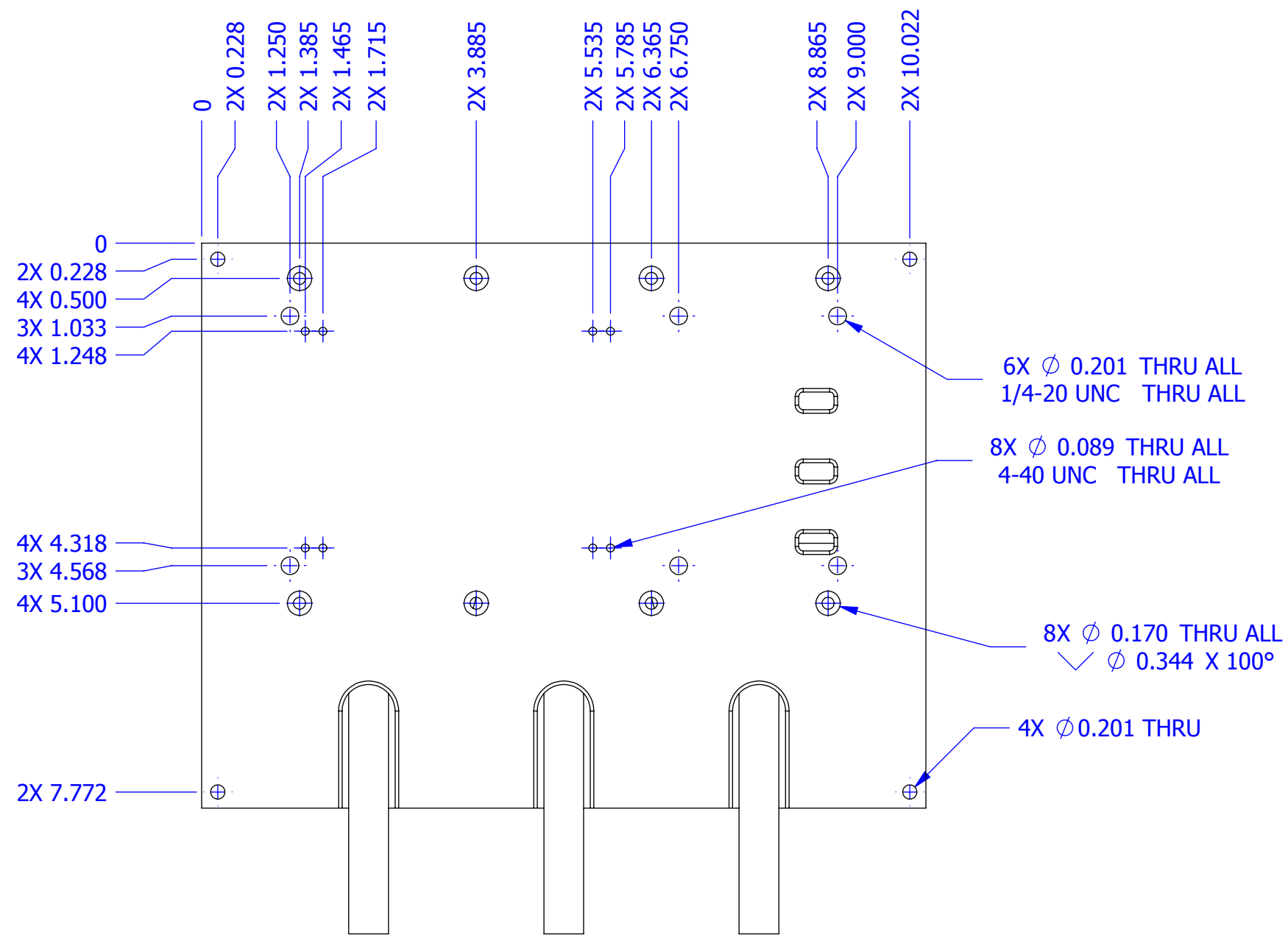
<b>COBHAM</b> GMS INC. COBHAM SURVEILLANCE T: (760)496-0055 F: (760)496-0057 <a href="http://WWW.COBBHAM.COM/GMS">WWW.COBBHAM.COM/GMS</a>	SIZE:	DRAWING TITLE:	DRAWING:	DRAWN BY:	DATE:
	<b>B</b>	<b>MD,HAAM, ACTUATOR</b>	<b>100-MD0117X1</b>	S PHILLIPS	07/29/10
	SCALE:			D. SOWELL	07/29/10
	<b>N/A</b>			CHECKED:	DATE:
	BOM:		<b>755-A0682X3</b>	ENGINEER:	DATE:
				O. DE MEYER	
				SHEET:	REV:
				<b>2 OF 2</b>	<b>X1</b>

**NOTES:** (UNLESS OTHERWISE SPECIFIED)  
 1. DRAWING AS PER ASME Y14.5 - 1994.

REVISION:						
REV	ECR/ECO	DESCRIPTION	DATE	DRFT	CHK	APPR
X1	E1479	INITIAL RELEASE	07/29/10	SLP		



<b>TOLERANCES</b> UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING		<b>COBHAM</b> GMS INC. COBHAM SURVEILLANCE T: (760)496-0055 F: (760)496-0057 <a href="http://WWW.COBFHAM.COM/GMS">WWW.COBFHAM.COM/GMS</a>	SIZE: <b>B</b>	DRAWING TITLE: <b>MD, HAAM, SHOE</b>	DRAWING: <b>100-MD0118X1</b>	DRAWN BY: S PHILLIPS	DATE: 07/29/10
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THIRD ANGLE PROJECTION					BOM: <b>755-A0951X2</b>	ENGINEER: O. DE MEYER	DATE: 
						SHEET: <b>1 OF 2</b>	REV: <b>X1</b>



<b>COBHAM</b> GMS INC. COBHAM SURVEILLANCE T: (760)496-0055 F: (760)496-0057 WWW.COBBHAM.COM/GMS	SIZE:	DRAWING TITLE:	DRAWING:	DRAWN BY:	DATE:
	<b>B</b>	<b>MD,HAAM,SHOE</b>	<b>100-MD0118X1</b>	S PHILLIPS	07/29/10
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			<b>755-A0951X2</b>	O. DE MEYER	
			SHEET:	REV:	
			<b>2 OF 2</b>	<b>X1</b>	