



13130 56th Court, Suite 604
Clearwater, Florida
33760-4021 USA
Voice: (727) 592-0303
Fax: (727) 592-0503

DOCUMENT NO. **JMIH-CAT-002**

JORMAC AEROSPACE, INC.

TIE-ROD ASSEMBLIES

&

ATTACHMENTS

CATALOG



13130 56th Court, Suite 604
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United States Of America

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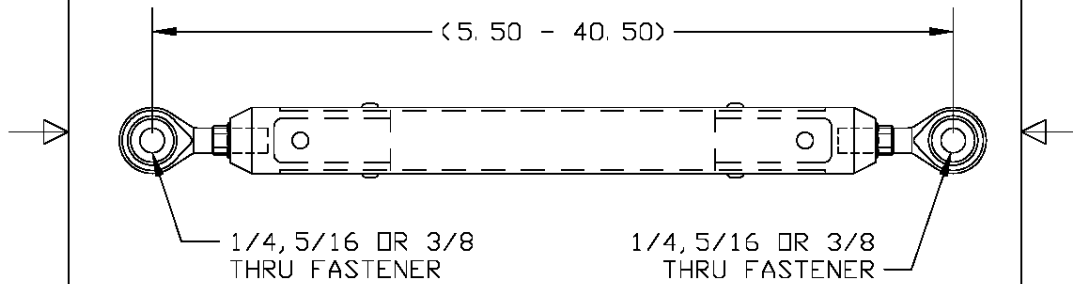



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DWG NO.	JMDS-TR1-010	SH	1	REV	TR
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1. LOAD RANGE: 1000-5000 LBS.
2. LENGTH 5.50 - 40.50 INCHES.
3. TENSION ONLY OR TENSION/COMPRESSION APPLICATIONS.
4. 1/4, 5/16, 3/8 PIN DIAMETERS SUPPORTED.
5. MISMATCHING ROD-ENDS PERMITTED.
6. ALL HDWR SHOWN INCLUDED UNLESS OTHERWISE NOTED.



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			DRAWN				
			DESIGN		STANDARD TIE-ROD		
			STRESS		ASSEMBLIES		
			M&P		SIZE		
			CHECK		A	FILE TYPE	
			PROJECT		ACAD	DWG NO.	
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APPLICATION			OPEN		SCALE: NONE	FILE: JMDS-TIEROD, 001A	
					SHEET 1 OF 1		

JORMAC FORM
 NO. JM4001-TL

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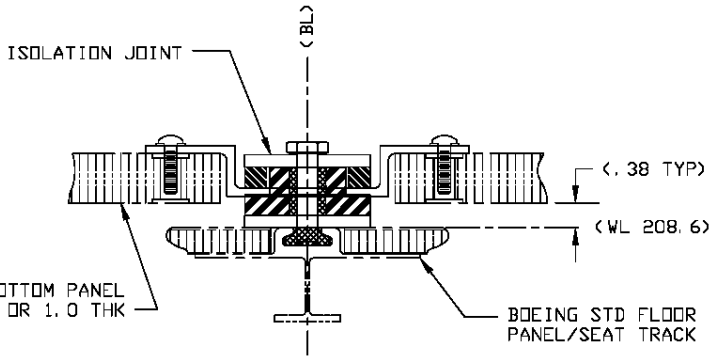
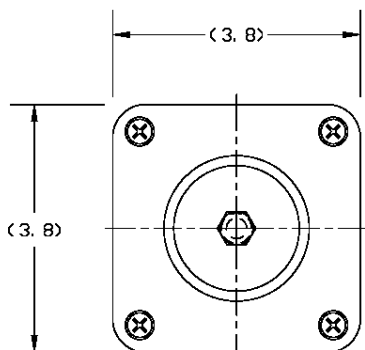


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DWG NO. JMCS-010-010 SH 1 REV 1R


1. DESIGN LIMIT DEPENDENT ON PANEL CONFIGURATION. CONVENTIONAL PANEL TYPES WILL YIELD VERTICAL CAPABILITY OF 1500-4000 LBS.
2. ALL HARDWARE SHOWN INCLUDED UNLESS OTHERWISE NOTED.



MONUMENT BOTTOM PANEL
 .50, .75 OR 1.0 THK

BOEING STD FLOOR
 PANEL/SEAT TRACK

- 001 FOR .75THK BOTTOM PNL.
- 031 FOR .50THK BOTTOM PNL
- 035 FOR 1.00THK BOTTOM PNL.

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			DESIGN		STANDARD MONUMENT/ SEAT TRACK ATTACHMENT		
			STRESS				
			M&P				
			CHECK				
			PROJECT				
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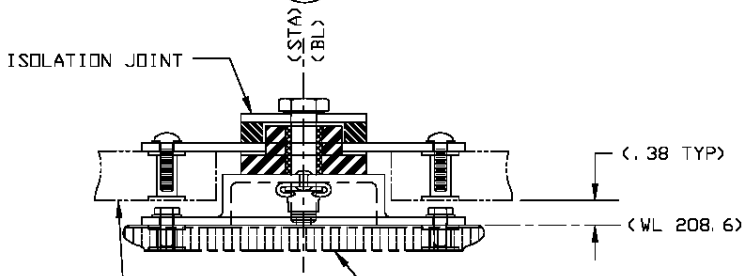
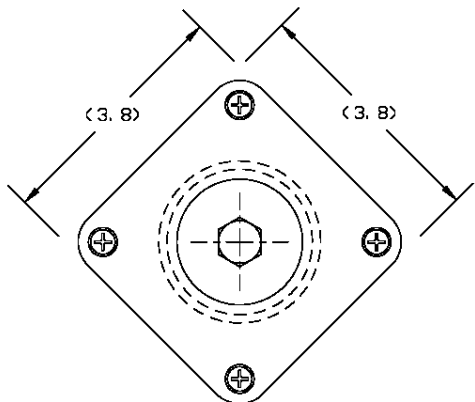


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DWG NO. JMCS-010-010 SH 2 REV 1R


1. DESIGN LIMIT DEPENDENT ON PANEL CONFIGURATION. CONVENTIONAL PANEL TYPES WILL YIELD VERTICAL CAPABILITY OF 1200-1600 LBS.
2. ALL HARDWARE SHOWN INCLUDED UNLESS OTHERWISE NOTED.
3. DEM FLOOR PANEL LOADS ARE A FUNCTION OF LOCATION AND MUST BE ADDRESSED SEPARATELY.



MONUMENT BOTTOM PANEL
 .50, .75 OR 1.0 THK

STD BOEING FLOOR PANEL

-003 FOR .75THK BOTTOM PANEL
 -033 FOR .50THK BOTTOM PANEL
 -037 FOR 1.0THK BOTTOM PANEL

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			M&P				
			CHECK				
			PROJECT				
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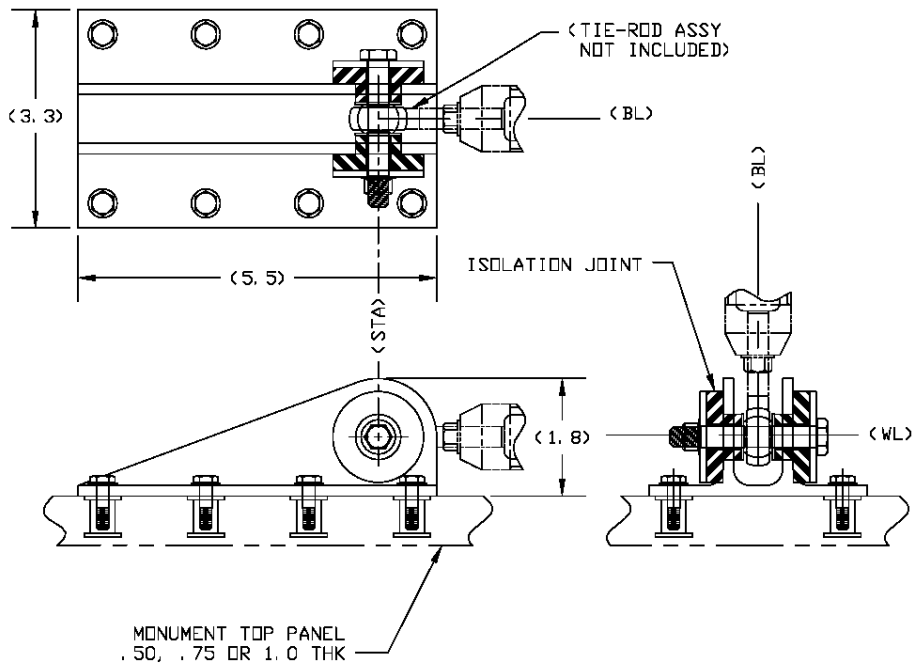


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DWG NO. JMCS-010-010 SH 3 REV IR

1. DESIGN LIMIT DEPENDENT ON PANEL CONFIGURATION. CONVENTIONAL PANEL TYPES WILL YIELD VERTICAL CAPABILITY OF 1300-2000 LBS.
2. ALL HARDWARE SHOWN INCLUDED UNLESS OTHERWISE NOTED.



-005 MONUMENT FWD/AFT RESTRAINT

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			DESIGN		STANDARD MONUMENT		
			STRESS		ATTACHMENT		
			M&P				
			CHECK				
			PROJECT				
DASH	NEXT ASSY	USED ON	RELEASE		SIZE	FILE TYPE	DWG NO.
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APPLICATION					SCALE: NONE	FILE: JMCS-STANDARDS_003A	SHEET 3 OF 14

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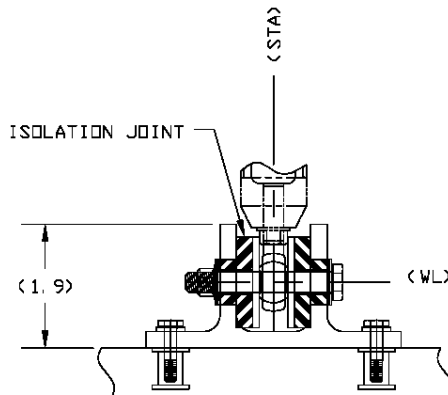
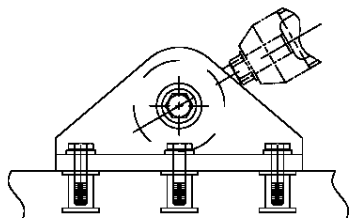
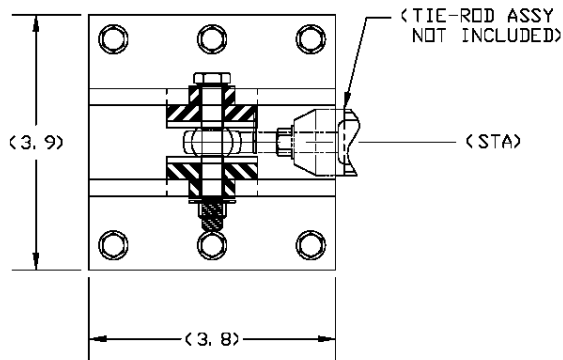


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DWG NO. JMCS-010-010 SH 4 REV IR

- DESIGN LIMIT DEPENDENT ON PANEL CONFIGURATION. CONVENTIONAL PANEL TYPES WILL YIELD CAPABILITY OF UP TO 1500 LBS.
- ALL HARDWARE SHOWN INCLUDED UNLESS OTHERWISE NOTED.



MONUMENT TOP PANEL
 .50, .75 OR 1.0 THK

-007 MONUMENT LATERAL RESTRAINT

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			DRAWN			
			DESIGN		DWG TITLE	
			STRESS		STANDARD MONUMENT	
			M&P		ATTACHMENT	
			CHECK		SIZE	FILE TYPE
			PROJECT		A	ACAD
DASH	NEXT ASSY	USED ON	RELEASE		DWG NO.	JMCS-010-010
APPLICATION			OPEN		SCALE:	NONE
					FILE:	JMCS-STANDARDS_004A
					SHEET 4 OF 14	

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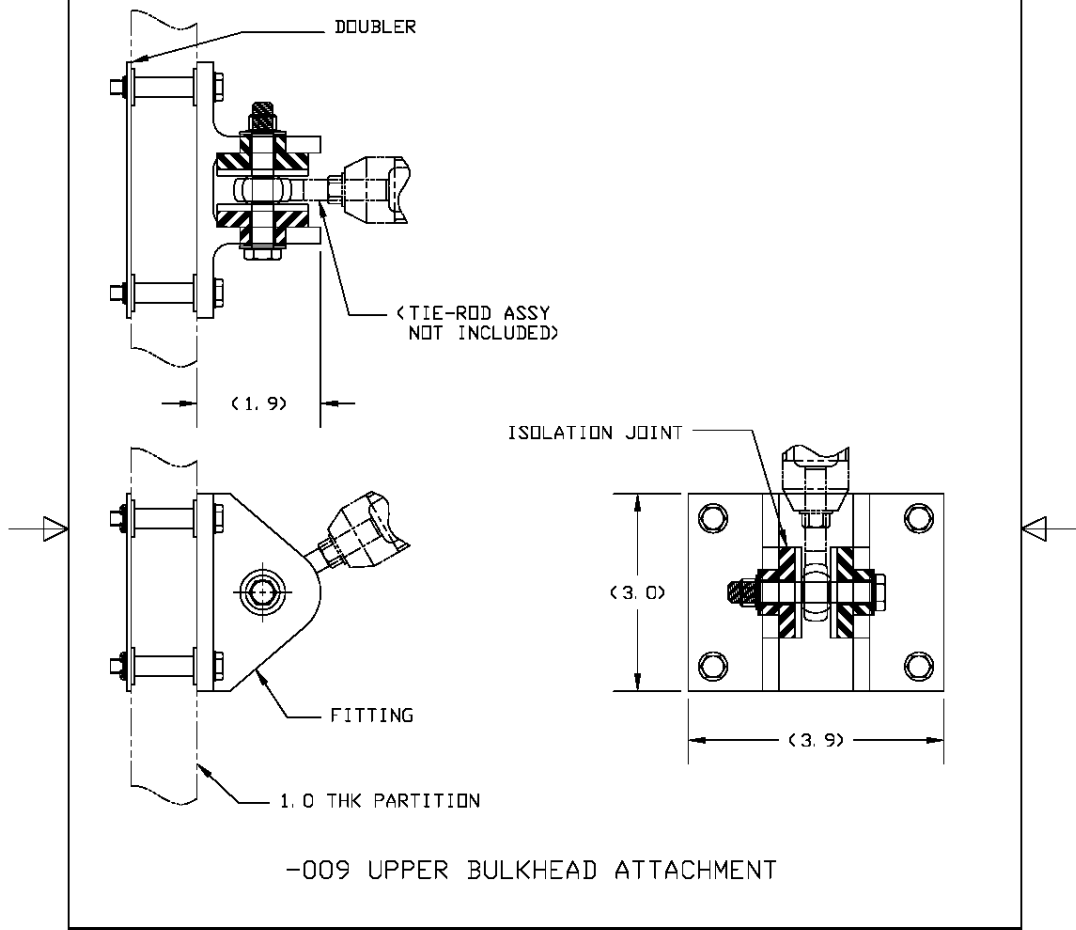


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DWG NO. JMCS-010-010 SH 5 REV 1R

1. DESIGN LIMIT DEPENDENT ON PANEL CONFIGURATION. CONVENTIONAL PANEL TYPES WILL YIELD CAPABILITY OF UP TO 1500 LBS.
2. ALL HARDWARE SHOWN INCLUDED UNLESS OTHERWISE NOTED.



-009 UPPER BULKHEAD ATTACHMENT

			CONTRACT NUMBER/ PROGRAM IDENTIFIER JMIH		JORMAC AEROSPACE  <small>13130 56TH COURT, SUITE 604 CLEARWATER, FL 33760-4018 USA (727) 592-0303 FAX: (727) 592-0503</small>		
			DRAWN				DWG TITLE
			DESIGN		STANDARD BULKHEAD		
			STRESS		ATTACHMENT		
			M&P				
			CHECK				
			PROJECT				
DASH	NEXT ASSY	USED ON	RELEASE		SIZE A	FILE TYPE ACAD	DWG NO. JMCS-010-010
APPLICATION			OPEN		SCALE: NONE	FILE: JMCS-STANDARDS_005A	SHEET 5 OF 14

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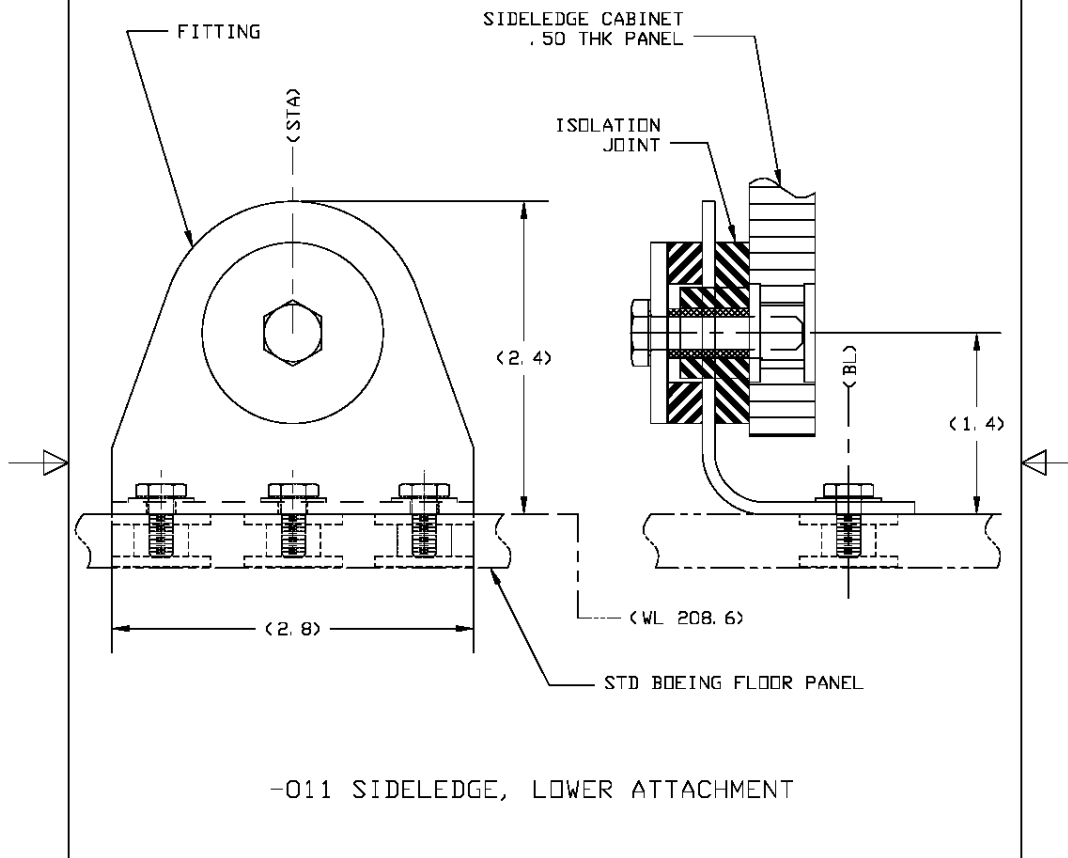


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DWG NO. JMCS-010-010 SH 6 REV IR

1. DESIGN LIMIT 200 LBS.
2. ALL HARDWARE SHOWN INCLUDED UNLESS OTHERWISE NOTED.



-011 SIDELEDGE, LOWER ATTACHMENT

			CONTRACT NUMBER/ PROGRAM IDENTIFIER JMTH		JORMAC AEROSPACE  <small>13130 56TH COURT, SUITE 604 CLEARWATER, FLORIDA 33760-4018 USA (727) 592-0303 FAX (727) 592-0503</small>		
			DRAWN				DWG TITLE
			DESIGN		STANDARD SIDELEDGE		
			STRESS		ATTACHMENT, LWR.		
			M&P				
			CHECK				
			PROJECT				
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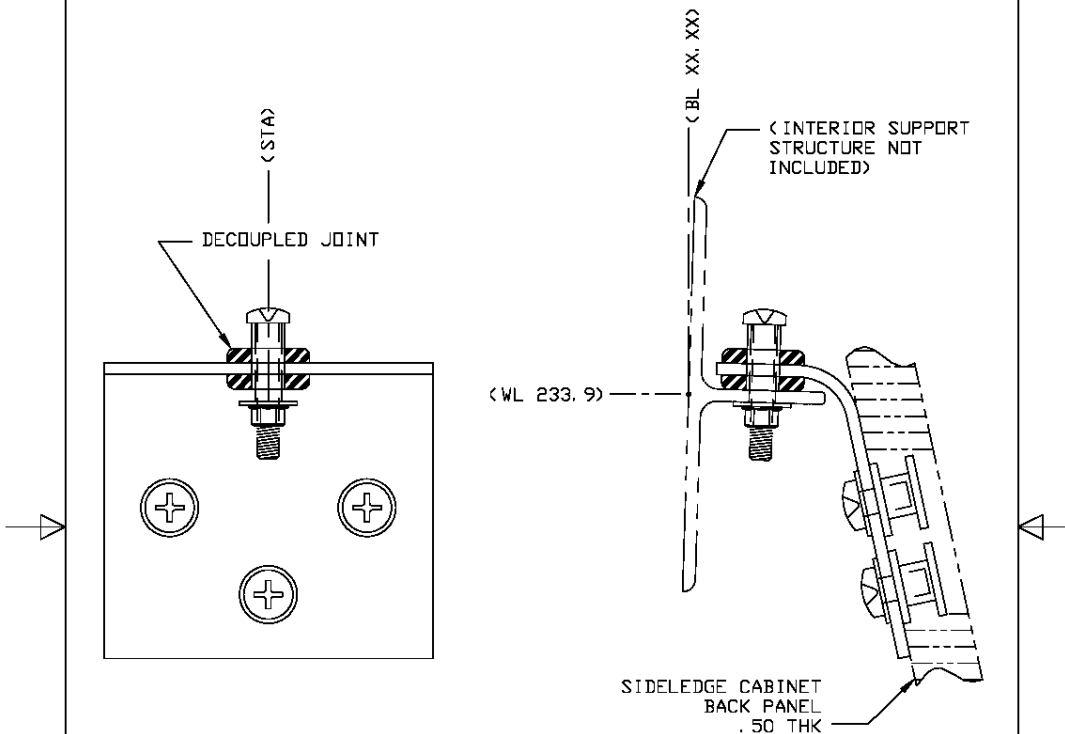


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DWG NO. JMCS-010-010 SH 7 REV IR

1. DESIGN LIMIT 60-150 LBS LAT/FWD ONLY.
2. ALL HARDWARE SHOWN INCLUDED UNLESS OTHERWISE NOTED.



-013 UPPER SIDELEDGE ATTACHMENT, LWR.

			CONTRACT NUMBER/ PROGRAM IDENTIFIER JM1H		 <small>13130 56TH COURT, SUITE 604 CLEARWATER, FL 33760-4018 USA (727) 592-0303 FAX (727) 592-0503</small>	
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			DESIGN			
			STRESS			
			M&P			
			CHECK			
			PROJECT			
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			OPEN		A	ACAD
APPLICATION					DWG NO.	JMCS-010-010
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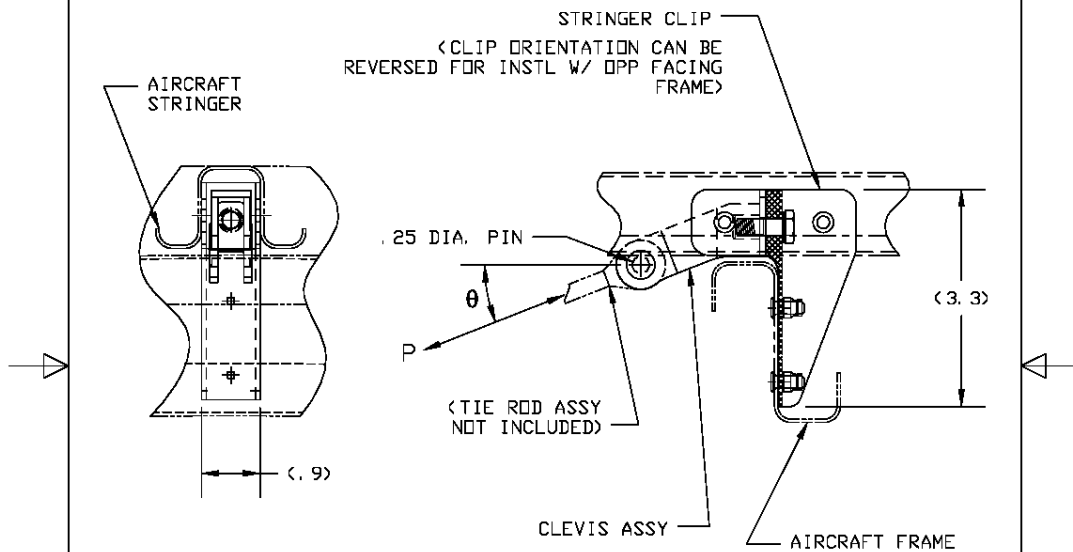


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DWG NO. JMCS-010-010 SH 8 REV 1R

1. DESIGN LIMIT DEPENDENT ON TIE ROD ANGLE.
 NOMINAL RANGE 1100-2000 LBS FOR ANGLE UP TO 45°.
2. ALL HARDWARE SHOWN INCLUDED UNLESS OTHERWISE NOTED.



-015 STRINGER ATTACHMENT, FWD/AFT

			CONTRACT NUMBER/ PROGRAM IDENTIFIER JMIH		JORMAC AEROSPACE 13130 56TH COURT, SUITE 604 CLEARWATER, FL 33760-4018 USA (727) 592-0303 FAX: (727) 592-0503	
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			DESIGN		STANDARD B737 STRINGER LONGITUDINAL ATTACHMENT	
			STRESS			
			M&P			
			CHECK			
			PROJECT			
DASH	NEXT ASSY	USED ON	RELEASE		SIZE A	FILE TYPE ACAD
APPLICATION			OPEN		DWG NO. JMCS-010-010	
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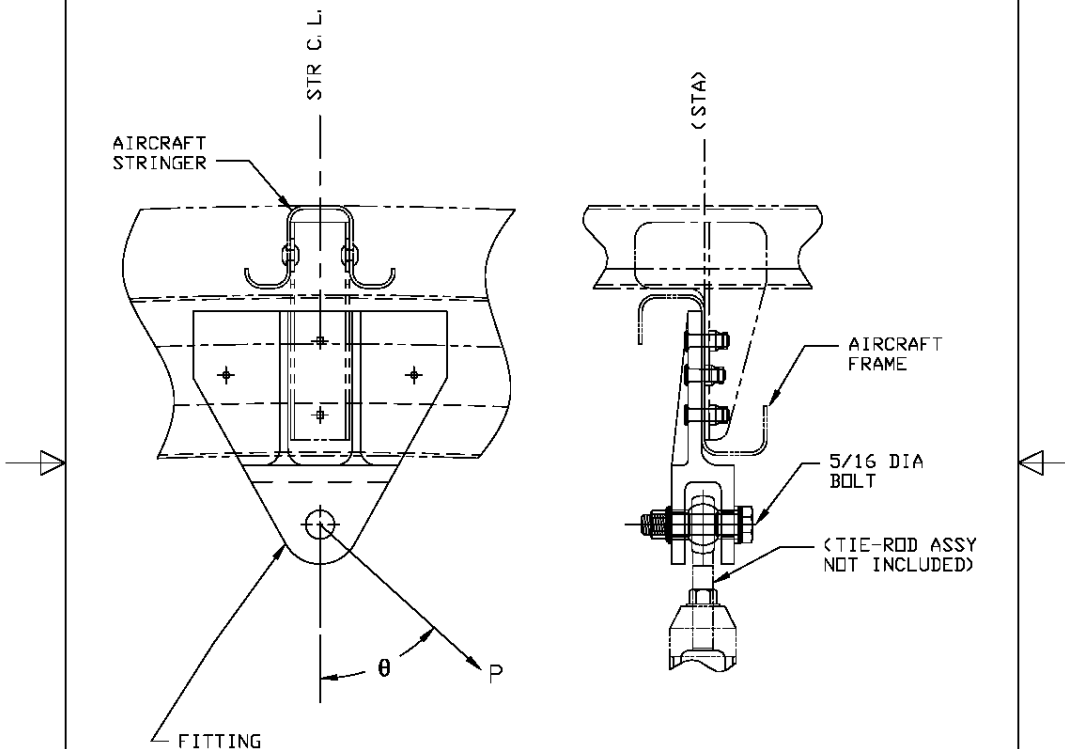


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DWG NO. JMCS-010-010 SH 9 REV IR

1. DESIGN LIMIT DEPENDENT ON TIE ROD ANGLE.
 NOMINAL RANGE 500-1000 LBS FOR ANGLE UP TO 90°.
2. ALL HARDWARE SHOWN INCLUDED UNLESS OTHERWISE NOTED.



-017 FRAME ATTACHMENT, LATERAL

			CONTRACT NUMBER/ PROGRAM IDENTIFIER JMIH		JORMAC AEROSPACE  13130 56TH COURT, SUITE 604 CLEARWATER, FL 33760-4018 USA (727) 592-0303 FAX: (727) 592-0503		
			DRAWN				
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			CHECK				
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DASH	NEXT ASSY	USED ON	RELEASE		SIZE A	FILE TYPE ACAD	DWG NO. JMCS-010-010
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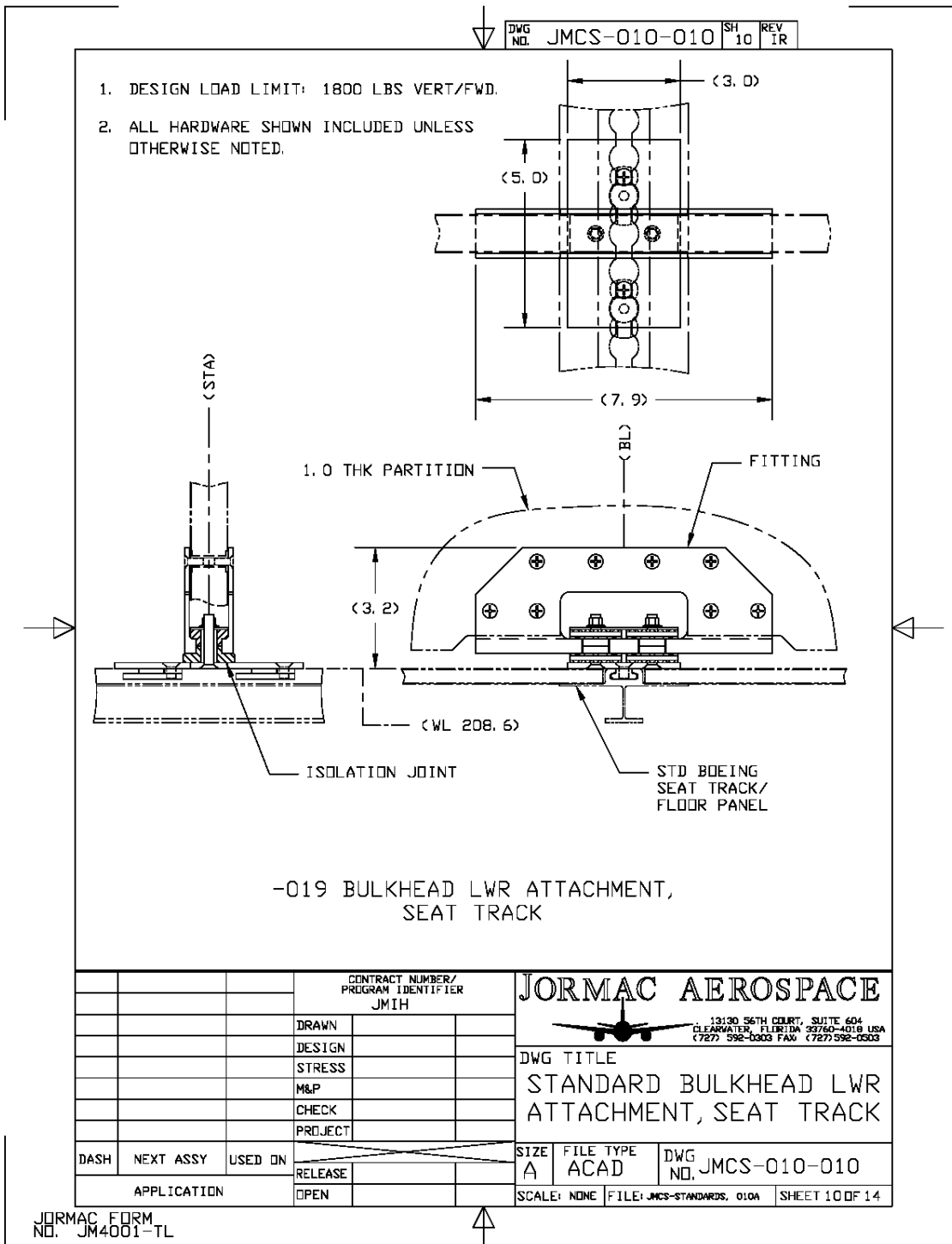
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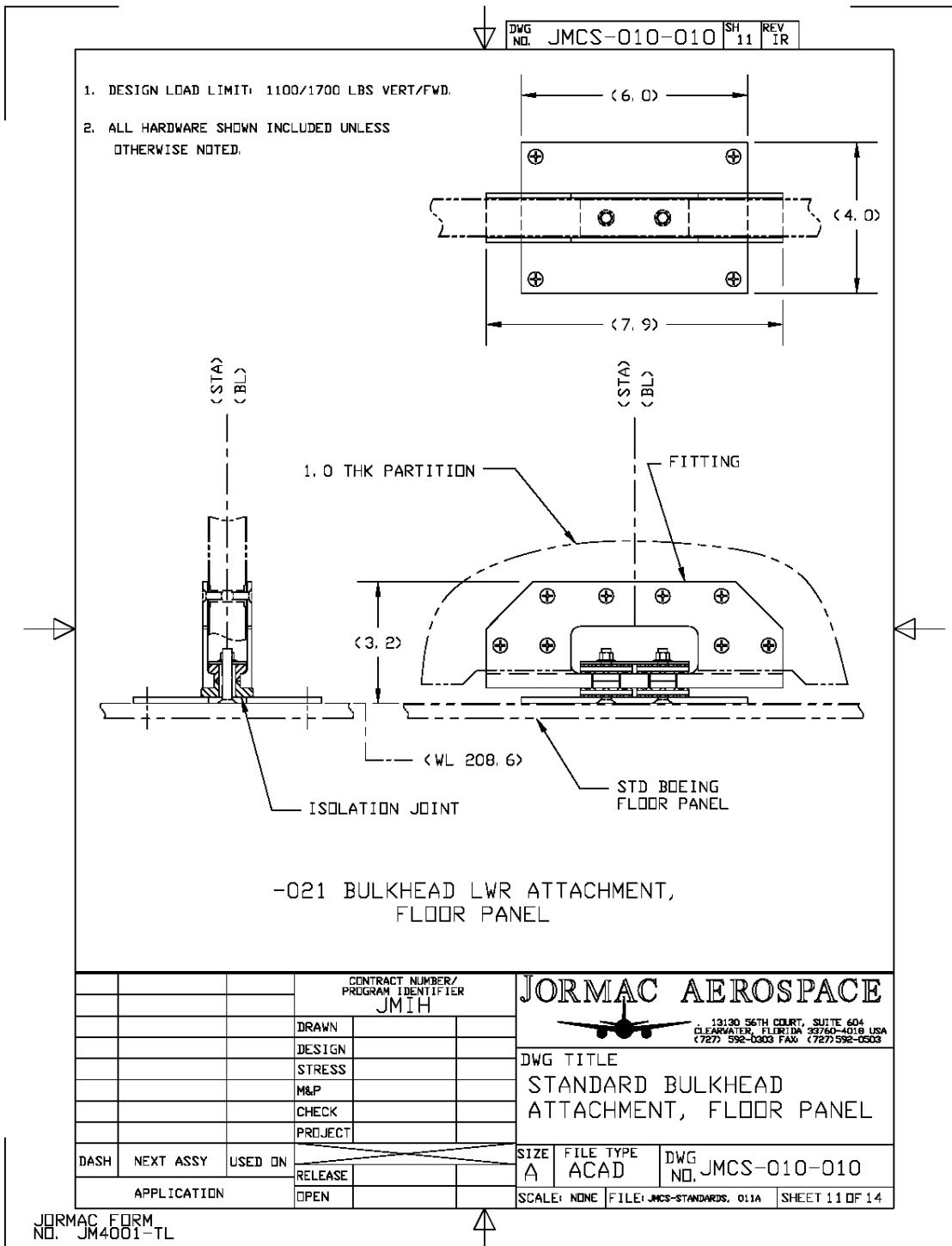


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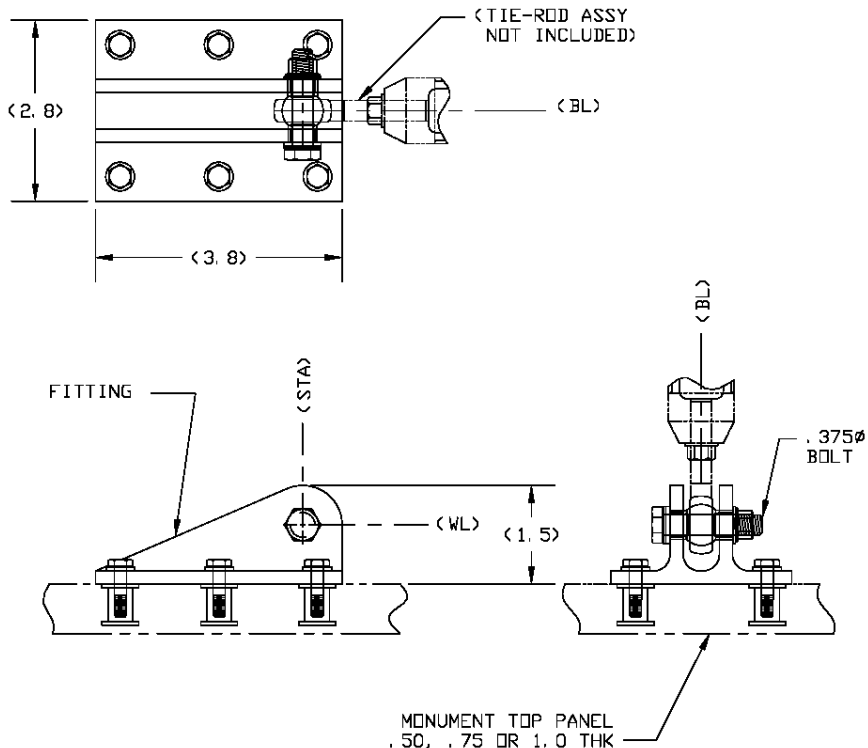


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DWG NO. JMCS-010-010 SH 12 REV 1R

1. DESIGN LIMIT DEPENDENT ON PANEL CONFIGURATION. CONVENTIONAL PANEL TYPES WILL YIELD CAPABILITY OF 1200-1700 LBS.
2. ALL HARDWARE SHOWN INCLUDED UNLESS OTHERWISE NOTED.



-023 MONUMENT FWD/AFT RESTRAINT,
 NON-ISOLATED

			CONTRACT NUMBER/ PROGRAM IDENTIFIER JMIH		 <small>13130 56TH COURT, SUITE 604 CLEARWATER, FL 33760-4018 USA (727) 592-0303 FAX (727) 592-0503</small>	
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APPLICATION			OPEN			

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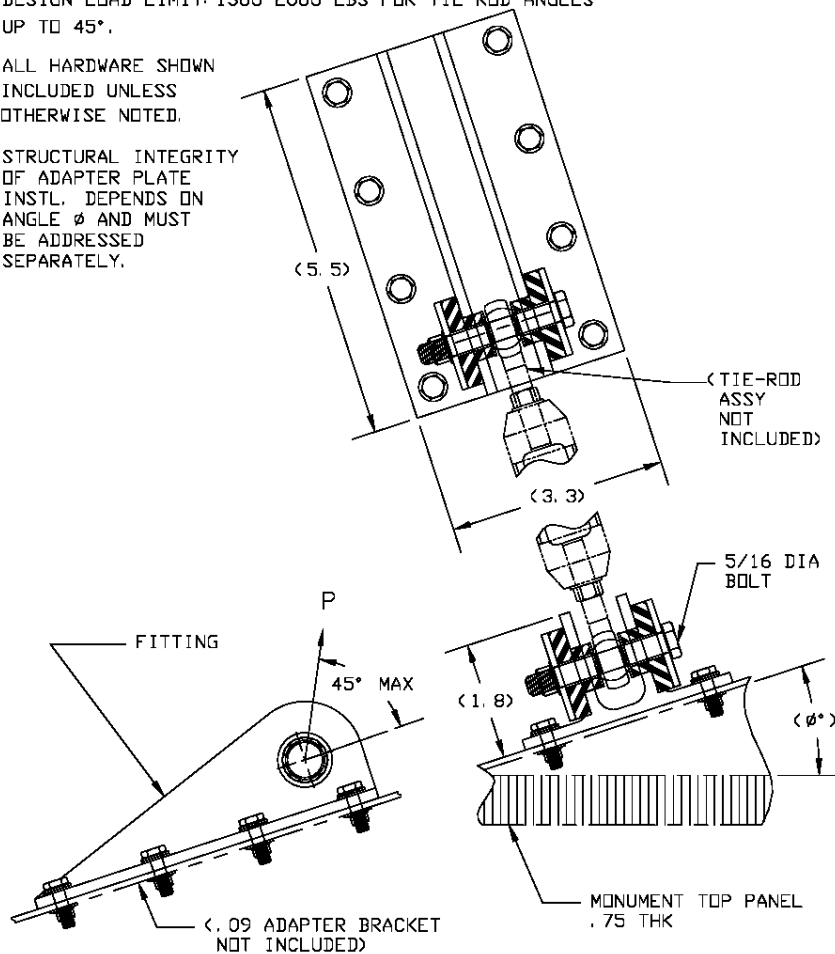


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DWG NO. JMCS-010-010 SH 13 REV 1R

1. DESIGN LOAD LIMIT: 1300-2000 LBS FOR TIE ROD ANGLES UP TO 45°.
2. ALL HARDWARE SHOWN INCLUDED UNLESS OTHERWISE NOTED.
3. STRUCTURAL INTEGRITY OF ADAPTER PLATE INSTL. DEPENDS ON ANGLE ϕ AND MUST BE ADDRESSED SEPARATELY.



-025 MONUMENT FWD/AFT ATTACH, ADAPTER PANEL

			CONTRACT NUMBER/ PROGRAM IDENTIFIER JM1H		JORMAC AEROSPACE  <small>13130 56TH COURT, SUITE 604 CLEARWATER, FL 33760-4018 USA (727) 592-0303 FAX: (727) 592-0503</small>		
			DRAWN				
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			STRESS		ATTACHMENT		
			M&P				
			CHECK				
			PROJECT				
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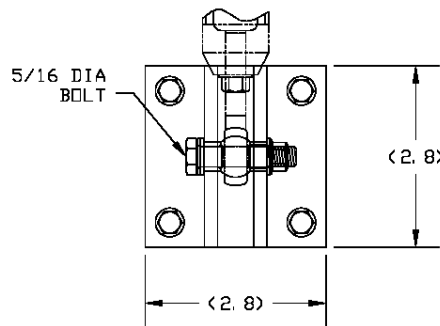
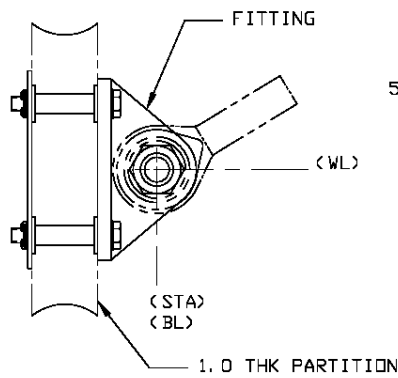
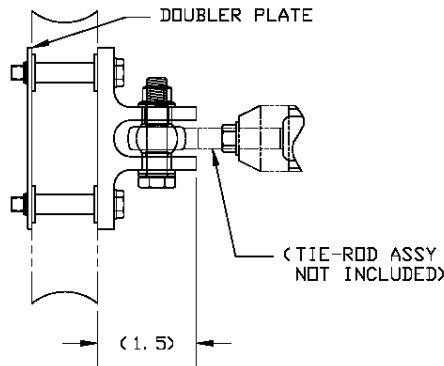


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DWG NO. JMCS-010-010 SH 14 REV 1R

1. DESIGN LIMIT DEPENDENT ON PANEL CONFIGURATION. CONVENTIONAL PANEL TYPES WILL YIELD A CABABILITY OF UP TO 1500 LBS.
2. ALL HARDWARE SHOWN INCLUDED UNLESS OTHERWISE NOTED.



-027 UPR BULKHEAD ATTACHMENT,
 NON-ISOLATED

			CONTRACT NUMBER/ PROGRAM IDENTIFIER JMTH		JORMAC AEROSPACE 13130 56TH COURT, SUITE 604 CLEARWATER, FL 33760-4018 USA (727) 592-0303 FAX: (727) 592-0503	
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			M&P			
			CHECK			
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DASH	NEXT ASSY	USED ON	RELEASE		SCALE: NONE FILE: JMCS-STANDARDS_014A SHEET 14 OF 14	
APPLICATION			OPEN			

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