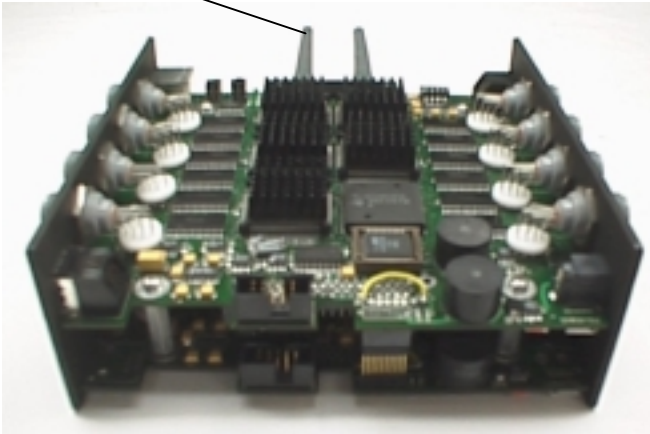
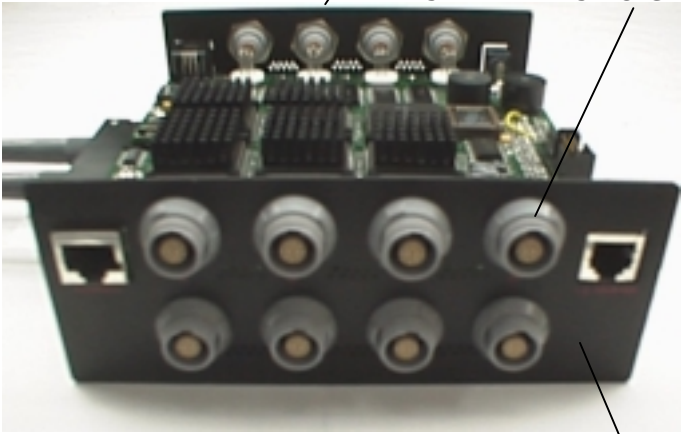


APPLICATION			REVISIONS			
DASH NO.	NEXT ASSY	USED ON	REV	DESCRIPTION	DATE	APPROVED
			A	INITIAL RELEASE		

RF ASSY



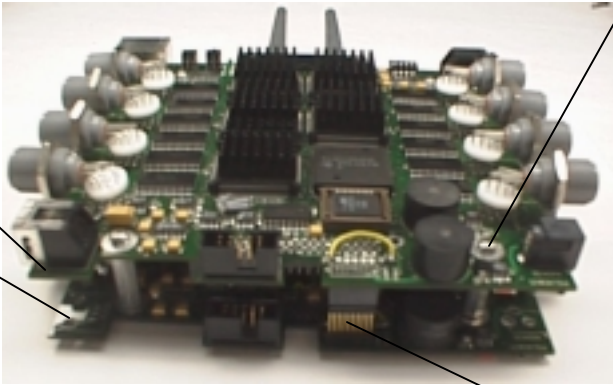
4A0435-01 (16 RECEIVER ASSY)



SEE DETAILS E & G

3/4

SEE DETAIL A



DETAIL A

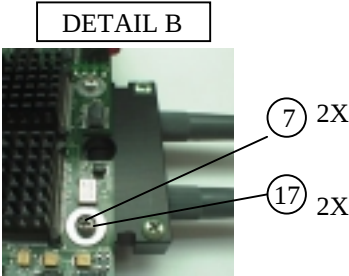
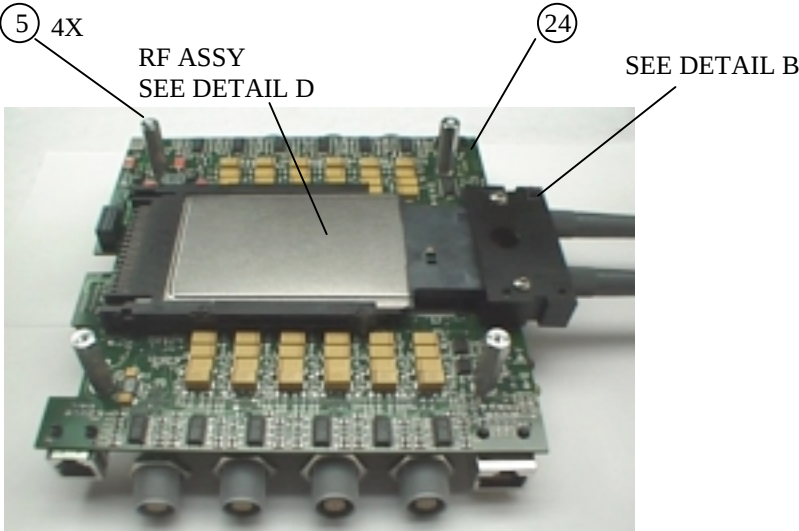
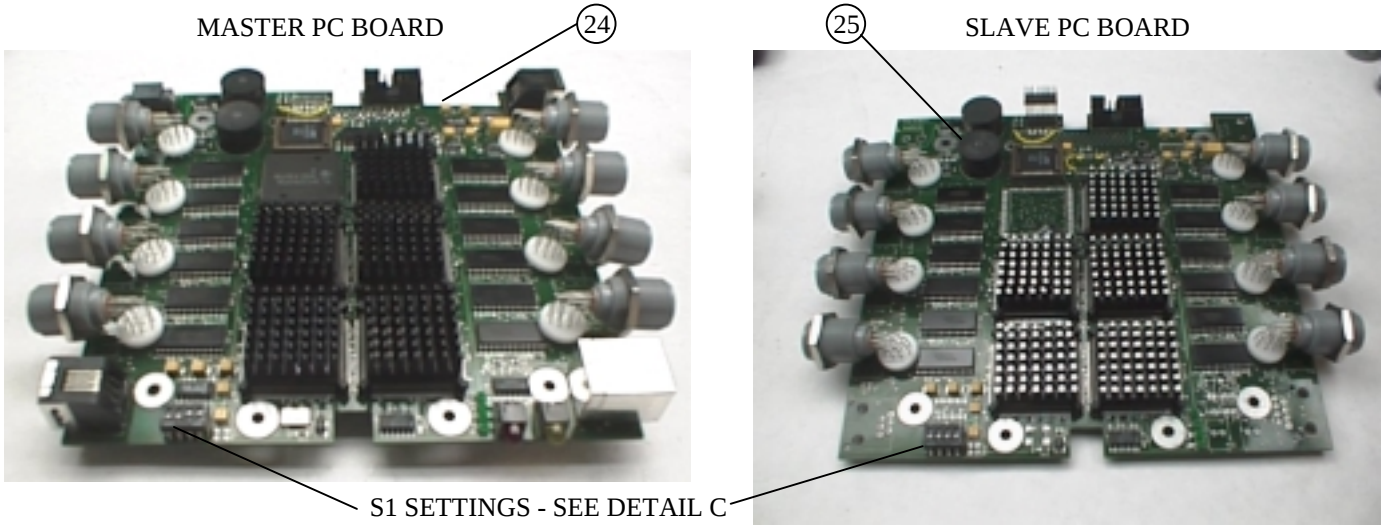


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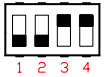
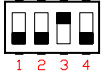
4X 17

UNLESS OTHERWISE SPECIFIED		CONTR			POLHEMUS Inc. A KAISER AEROSPACE & ELECTRONICS COMPANY COLCHESTER VT. 05446	
		BY	SIGNATURE	DATE		
DIMENSIONS ARE IN INCHES AND INCLUDE ALL APPLIED FINISHES		DRAWN	N. ROSBERG	10/5/99	BODYPACK ASSEMBLY	
TOLERANCES		CHECKED				
DECIMALS	ANGLES	ELEC			SIZE	
.XX ±.02	± 0°30'	ENGR				
.XXX ±.005		MECH			FSCM NO.	DWG NO.
DO NOT SCALE THIS DRAWING		ENGR			62730	4A0435
MATERIAL		QA			SCALE: NONE	REV A
		MFG			WT	
		ENGR			LB OZ	
		RESP			SHEET 1	OF 8
		RLSE			ACT.	

APPLICATION			REVISIONS			
DASH NO.	NEXT ASSY	USED ON	REV	DESCRIPTION	DATE	APPROVED
			A	INITIAL RELEASE		



DETAIL C S1 SETTINGS

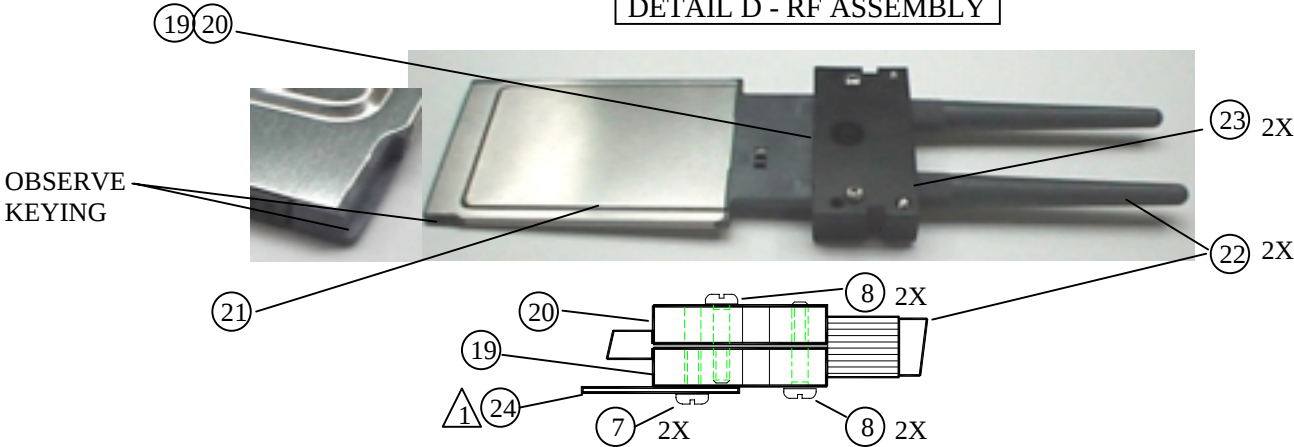
	-01 MASTER ITEM 24	- 02 SLAVE ITEM 25
CH A	ON OFF  1 2 3 4	ON OFF  1 2 3 4
CH B	ON OFF  1 2 3 4	ON OFF  1 2 3 4

UNLESS OTHERWISE SPECIFIED				CONTR			POLHEMUS Inc.														
DIMENSIONS ARE IN INCHES AND INCLUDE ALL APPLIED FINISHES				BY		SIGNATURE		DATE		A KAISER AEROSPACE & ELECTRONICS COMPANY COLCHESTER VT. 05446											
				DRAWN		N. ROSBERG		10/5/99													
TOLERANCES				CHECKED						BODYPACK ASSEMBLY											
DECIMALS		ANGLES		ELEC																	
.XX		±.02		± 0°30'		ENGR															
.XXX		±.005				MECH															
DO NOT SCALE THIS DRAWING MATERIAL				ENGR						SIZE D											
				QA												FSCM NO.		DWG NO.		REV	
				MFG												62730		4A0435		A	
				ENGR																	
				RESP																	
				ENGR																	
				RLSE						SCALE: NONE		WT		CALC ACT.		LB OZ		SHEET 2		OF 8	

APPLICATION		
DASH NO.	NEXT ASSY	USED ON

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE		

DETAIL D - RF ASSEMBLY



DETAIL E PANEL MOUNTING 3



DETAIL G 4

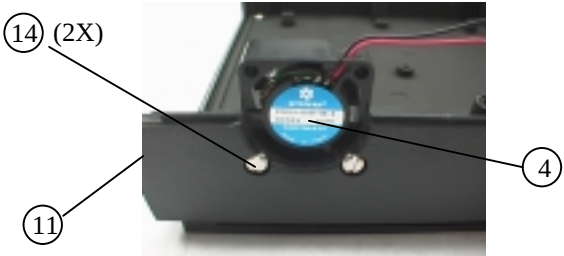
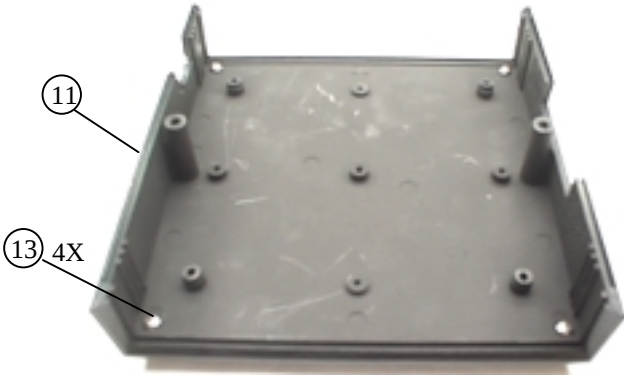


UNLESS OTHERWISE SPECIFIED				CONTR		
DIMENSIONS ARE IN INCHES AND INCLUDE ALL APPLIED FINISHES				BY	SIGNATURE	DATE
TOLERANCES				DRAWN	N. ROSBERG	10/5/99
DECIMALS		ANGLES		CHECKED		
.XX	±.02	± 0°30'		ELEC		
.XXX	±.005			ENGR		
DO NOT SCALE THIS DRAWING				MECH		
MATERIAL				ENGR		
				QA		
				MFG		
				ENGR		
				RESP		
				ENGR		
				RLSE		

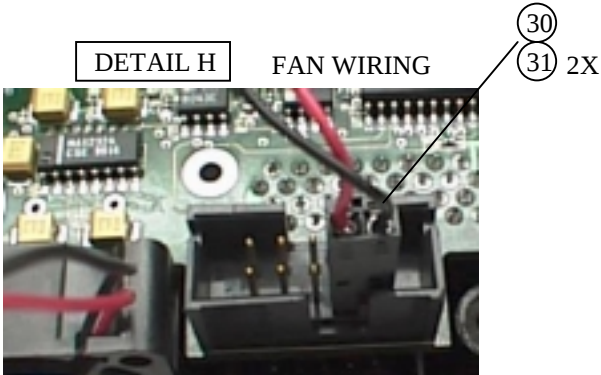
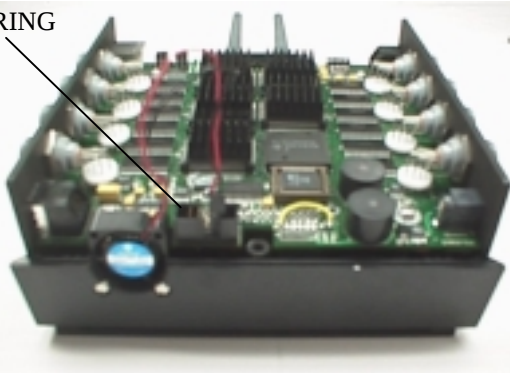
POLHEMUS Inc. A KAISER AEROSPACE & ELECTRONICS COMPANY COLCHESTER VT. 05446			
BODYPACK ASSEMBLY			
SIZE	FSCM NO.	DWG NO.	REV
D	62730	4A0435	A
SCALE: NONE	WT CALC ACT.	LB OZ	SHEET 3 OF 8

APPLICATION			REVISIONS			
DASH NO.	NEXT ASSY	USED ON	REV	DESCRIPTION	DATE	APPROVED
			A	INITIAL RELEASE		

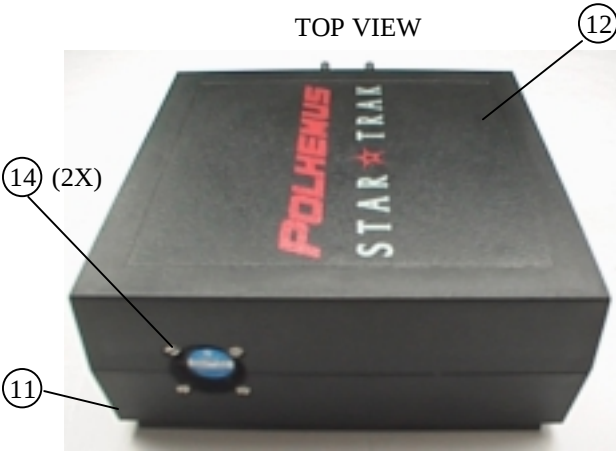
FINAL ASSEMBLY



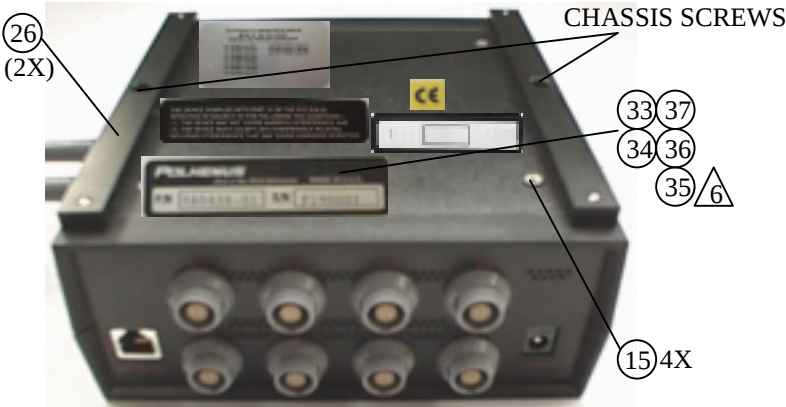
SEE DETAIL H
FAN WIRING



TOP VIEW



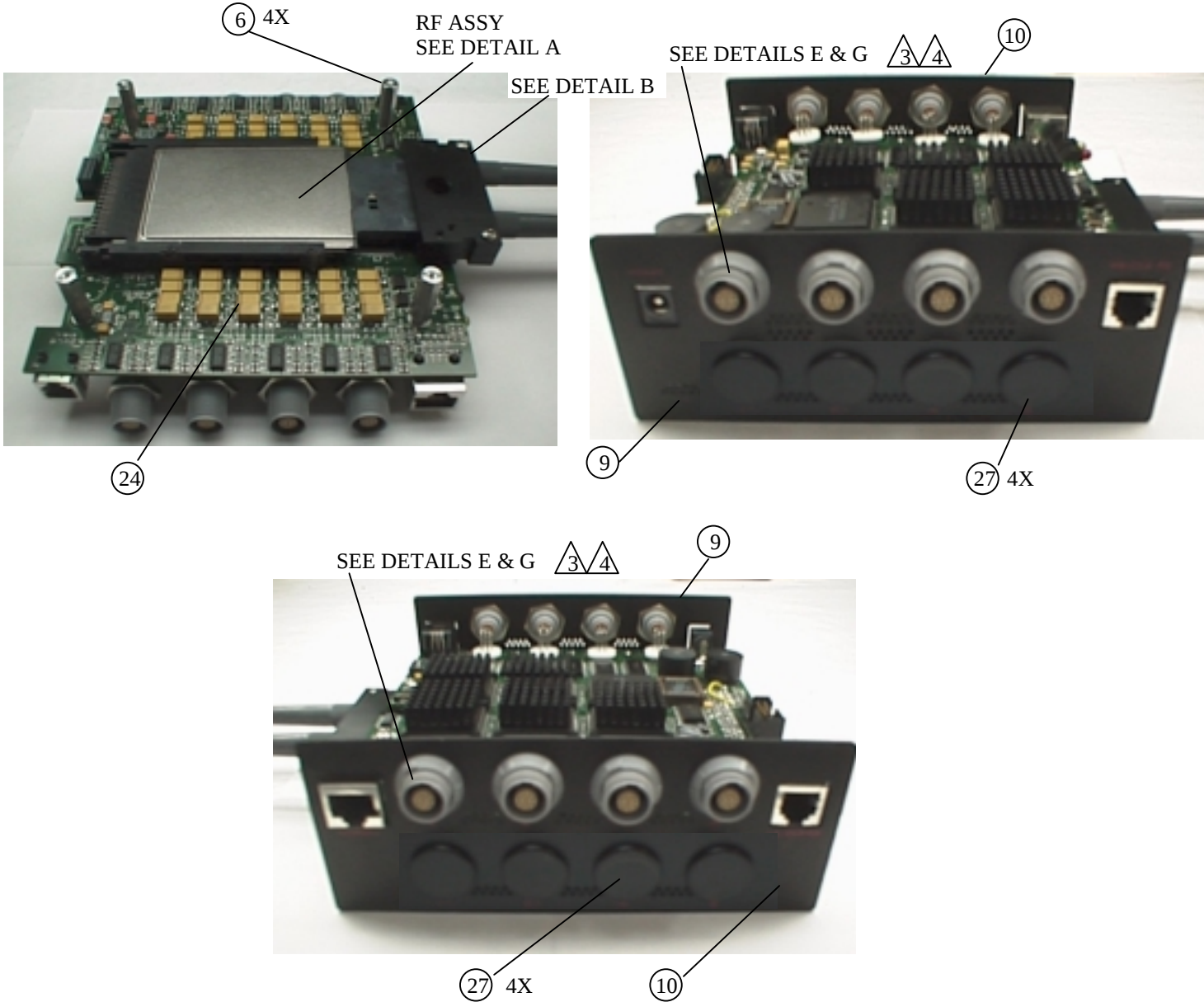
CHASSIS BOTTOM INSTALLATION



UNLESS OTHERWISE SPECIFIED		CONTR			POLHEMUS Inc. A KAISER AEROSPACE & ELECTRONICS COMPANY COLCHESTER VT. 05446	
		BY	SIGNATURE	DATE		
DIMENSIONS ARE IN INCHES AND INCLUDE ALL APPLIED FINISHES		DRAWN	N. ROSBERG	10/5/99	BODYPACK ASSEMBLY	
TOLERANCES		CHECKED				
DECIMALS	ANGLES	ELEC			SIZE	
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DO NOT SCALE THIS DRAWING		ENGR			DWG NO.	
MATERIAL		QA			REV	
		MFG			A	
		ENGR			SCALE: NONE	
		RLSE			WT	
					LB OZ	
					SHEET 4 OF 8	

APPLICATION			REVISIONS			
DASH NO.	NEXT ASSY	USED ON	REV	DESCRIPTION	DATE	APPROVED
			A	INITIAL RELEASE		

4A0435-02 (8 RECEIVER ASSY)

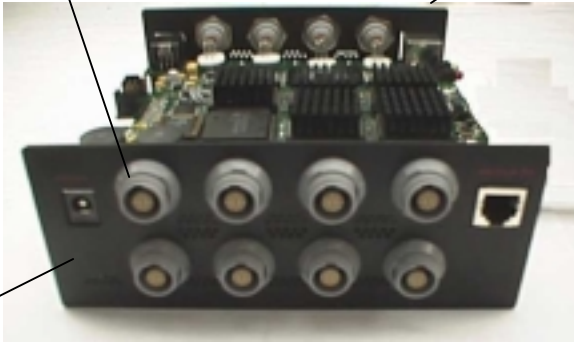
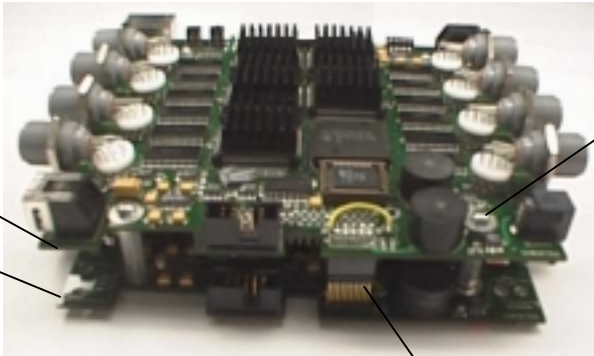
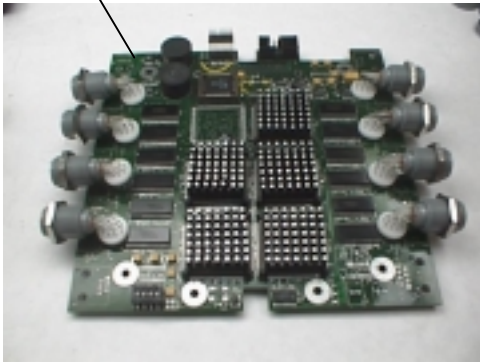


UNLESS OTHERWISE SPECIFIED		CONTR			POLHEMUS Inc. A KAISER AEROSPACE & ELECTRONICS COMPANY COLCHESTER VT. 05446	
		BY	SIGNATURE	DATE		
DIMENSIONS ARE IN INCHES AND INCLUDE ALL APPLIED FINISHES		DRAWN	N. ROSBERG	10/5/99	BODYPACK ASSEMBLY	
TOLERANCES		CHECKED				
DECIMALS	ANGLES	ELEC			SIZE	
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DO NOT SCALE THIS DRAWING		ENGR			D	62730
MATERIAL		QA			SCALE: NONE	WT
		MFG			LB	OZ
		ENGR			SHEET 5 OF 8	
		RESP			REV A	
		RLSE			8	

APPLICATION		
DASH NO.	NEXT ASSY	USED ON

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE		

4A0435-03 (16 RECEIVER TETHERED ASSY)

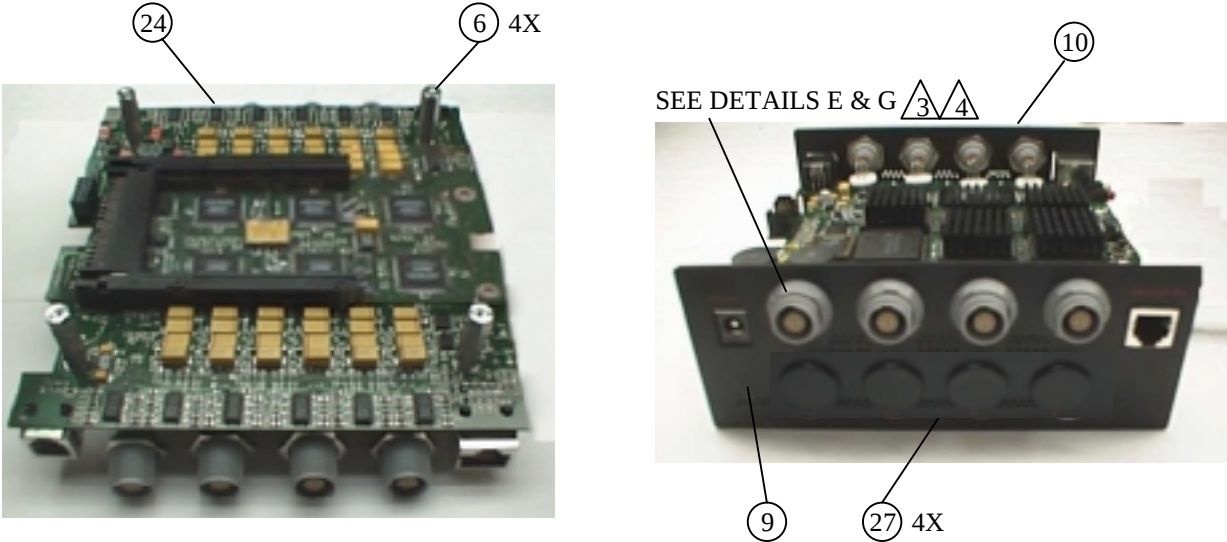


UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE ALL APPLIED FINISHES		CONTR		
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TOLERANCES		DRAWN	N. ROSBERG	10/5/99
DECIMALS	ANGLES	CHECKED		
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.XXX ±.005		MECH ENGR		
DO NOT SCALE THIS DRAWING		QA		
MATERIAL		MFG ENGR		
		RESP ENGR		
		RLSE		

POLHEMUS Inc. A KAISER AEROSPACE & ELECTRONICS COMPANY COLCHESTER VT. 05446			
BODYPACK ASSEMBLY			
SIZE	FSCM NO.	DWG NO.	REV
D	62730	4A0435	A
SCALE: NONE	WT	CALC ACT.	LB OZ
SHEET 6		OF 8	

APPLICATION			REVISIONS			
DASH NO.	NEXT ASSY	USED ON	REV	DESCRIPTION	DATE	APPROVED
			A	INITIAL RELEASE		

4A0435-04 (8 RECEIVER TETHERED ASSY)



4A0435-05: IDENTICAL TO THE -01 ASSEMBLY EXCEPT FOR ITEM 21 1C0175-02 RADIO CARD.

4A0435-06: IDENTICAL TO THE -02 ASSEMBLY EXCEPT FOR ITEM 21 1C0175-02 RADIO CARD.

UNLESS OTHERWISE SPECIFIED				CONTR			POLHEMUS Inc.														
DIMENSIONS ARE IN INCHES AND INCLUDE ALL APPLIED FINISHES				BY		SIGNATURE		DATE		A KAISER AEROSPACE & ELECTRONICS COMPANY COLCHESTER VT. 05446											
				DRAWN		N. ROSBERG		10/5/99													
TOLERANCES				CHECKED						BODYPACK ASSEMBLY											
DECIMALS		ANGLES		ELEC																	
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DO NOT SCALE THIS DRAWING MATERIAL				QA						SIZE		FSCM NO.		DWG NO.		REV					
										D		62730		4A0435		A					
				MFG																	
				ENGR																	
				RESP																	
				ENGR																	
				RLSE						SCALE: NONE		WT		CALC ACT.		LB OZ		SHEET 7		OF 8	

APPLICATION			REVISIONS			
DASH NO.	NEXT ASSY	USED ON	REV	DESCRIPTION	DATE	APPROVED
			A	INITIAL RELEASE		

NOTES: -

1.

INSTALL 2D0591-01 RETAINER HALF (ITEM 19) ON PC BOARD THEN INSTALL CONNECTORS, ANTENNAS AND 2D0591-02 RETAINER HALF (ITEM 20).
2.

WHEN COMBINING TWO PC BOARD ASSEMBLIES ALIGN PINS WITH MATING CONNECTOR TO ENSURE HEADER CONNECTOR IS PROPERLY MATED.
3.

TO SET MOUNT SPACING FOR FRONT AND REAR PANELS LEAVE 3 THREADS EXPOSED ON ALL CONNECTORS. SEE DETAIL E.
4.

TIGHTEN CONNECTOR NUTS USING CONNECTOR TOOL SHOWN IN DETAIL G.
(CONNECTOR TOOL: REF LEMO # POZ.12.18G.N)
5.

INSTALL EMI PLATE 2D0632 ON -03 & -04 TETHERED ASSY'S ONLY.
6.

APPLY APPROPRIATE PRODUCT NUMBER LABEL (ITEM 35) FOR EACH -01, -02, -03 , -04 , -05 AND -06 ASSEMBLY
7.

THE -03 ASSEMBLY IS IDENTICAL TO THE -01 ASSEMBLY EXCEPT THE RADIO CARD AND ITS ASSOCIATED HARDWARE ARE OMITTED AND THE 2D0632 EMI PLATE IS ADDED.
8.

THE -04 ASSEMBLY IS IDENTICAL TO THE -02 ASSEMBLY EXCEPT THE RADIO CARD AND ITS ASSOCIATED HARDWARE ARE OMITTED AND THE 2D0632 EMI PLATE IS ADDED.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE ALL APPLIED FINISHES		CONTR			POLHEMUS Inc. A KAISER AEROSPACE & ELECTRONICS COMPANY COLCHESTER VT. 05446	
		BY	SIGNATURE	DATE		
TOLERANCES		DRAWN	N. ROSBERG	10/5/99	BODYPACK ASSEMBLY	
DECIMALS	ANGLES	CHECKED				
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.XXX	±.005	ENGR				
DO NOT SCALE THIS DRAWING		MECH			SCALE: NONE WT LB OZSHEET 8 OF 8	
MATERIAL		ENGR				
		RLSE				