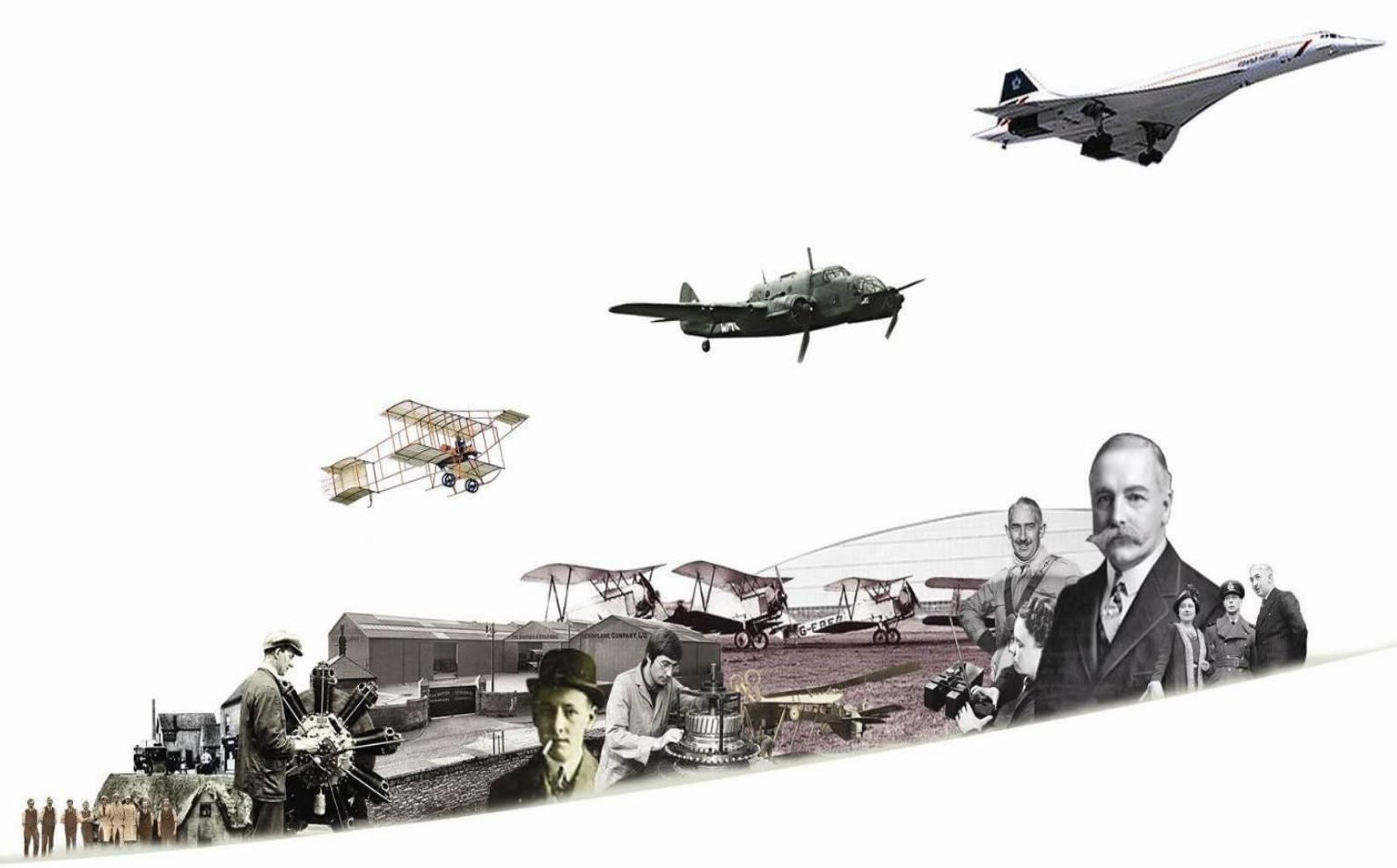
Aerospace Bristol

Active IT System & Wi-Fi

Document Six

AV Hardware Schedule – For Information

February 2017



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Project: Aerospace Bristol

Document Title: AV Hardware Schedule – For Information

Issue Nr: 1

Date: February 2017

Authorised By: Steven Fletcher, Partner

Signature:

BAC - AV/IT Hardware

Status **Tender**
Date **28.10.16**
Revision **N**

AV/ICT HARDWARE SCHEDULE
SPECIFICATIONS FOR EXHIBITION DETAILED DESIGN INTENT

AV NOTES
This schedule must be read in association with the general AV/ICT

Exhibit No	AV code	AV name	QTY	REQUIREMENTS	SCREEN SIZE	TYPE ASPECT	MEDIA DURATION	OPERATION
ERA 1								
Ex 1.3	**AV1.1**	**Boxkite Film AV**						
		Looping video presentation	1	Iiyama ProLite LE3240S-B1 32" LCD Screen	32	16:09		
			1	Screen Mount				
		No audio	1	Brightsign HD1023 Video Player with memory card				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Kramer TP-580RXR H Base T Receiver				
			1	Aviosys IP Power IP9258 4 Way Power Unit IP Control				
			2	Local Cables & Connectors				
Ex 1.5	**AV1.2**	**Archive Station**						
		Select video from touch screen	1	Iiyama T2435MSC-B1 24in LCD Touchscreen monitor - 10 point touch	24	16:09		IV
			1	Standard ICT computer (see AVICT specification doc)				
			1	Screen Mount				
			1	Adderlink XD150 DVI & USB Extender Pair				
			1	Pulse SDA40 40W Compact Stereo Amplifier				
			2	Visaton FR13 4 ohm 5" Full Range Speaker				
		Audio hardware to be local to exhibit.	1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			2	Aviosys IP Power IP9258 4 Way Power Unit IP Control				
			2	Local Cables & Connectors				
Ex 1.5	**AV1.3**	**Oral History Audio Station**						
		Select audio via a dial replayed via handset	1	Brightsign LS322 Audio Player				
		AV Hardware vendor to free issue to fit out contractor	1	Mini Speaker				
			1	Switch Interface				
			1	Muxlab 500019 Audio Balun Pair				
		Audio hardware to be local to exhibit.	1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			1	Aviosys IP Power IP9258 4 Way Power Unit IP Control				
			4	Local Cables & Connectors				
Ex 1.6	**AV1.4**	**Military Manoeuvres**						
		Looping video presentation	1	Iiyama Proloite XB2783HSU-1 27" LCD Screen	27			
			1	Screen Mount				
		No audio	1	Brightsign HD1023 Video Player with memory card				

			1	Kramer TP-580TXR H Base T Transmitter				
			1	Kramer TP-580RXR H Base T Receiver				
			1	Aviosys IP Power IP9258 4 Way Power Unit IP Control				
			2	Local Cables & Connectors				
Ex 1.7	**AV1.5**	**DELETED**						
Ex 1.8	**AV1.6**	**Forces of Flight**						
		A bench with AV screen built in. Video triggered by visitor using a plane shaped joystick	1	Iiyama Proloite XB2783HSU-1 27" LCD Screen	27	16:09		IV
			1	Standard ICT computer (see AVICT specification doc)				
			1	Screen Mount				
			1	USB Interface				
			1	Adderlink XD150 DVI & USB Extender Pair				
			1	Aviosys IP Power IP9258 4 Way Power Unit IP Control				
			2	Local Cables & Connectors				
ERA 2								
Ex 2.3	**AV2.1**	**Acceptance Park AV**						
		Video replay can be interrupted so that actor interacts with exhibit and visitors	1	Epson EB-EL1100U WUXGA Laser Lamp Projector		16:10		Looping
			1	Epson ELPLU03 Short Throw Off Axis Zoom Lens				
			1	Projector Bracket				
		Remote Control to mute audio	1	Standard ICT computer (see AVICT specification doc)				
			1	Screen Mount				
			1	Adderlink XD150 DVI & USB Extender Pair				
			2	Visaton FR13 4 ohm 5" Full Range Speaker				
			1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Countdown Clock				
			1	Induction Loop amplifier - Local with loop				
		Audio hardware to be local to exhibit.	1	Muxlab 500019 Audio Balun Pair				
			1	Remote Control				
			1	Icron USB Extender pair				
			1	Aviosys IP Power IP9258 4 Way Power Unit IP Control				
			6	Local Cables & Connectors				
Ex 2.7	**AV2.2**	**DELETED**						
Ex 2.10	**AV2.3**	**DELETED**						
Ex 2.11	**AV2.4**	**Oral History Audio Station**						
		Select audio via a dial replayed via handset	1	Brightsign LS322 Audio Player				

		AV Hardware vendor to free issue to fit out contractor	1	Mini Speaker				
			1	Switch Interface				
2AV7400			1	Muxlab 500019 Audio Balun Pair				
		Audio hardware to be local to exhibit.	1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			1	Aviosys IP Power IP9258 4 Way Power Unit IP Control				
			4	Local Cables & Connectors				
Ex 2.11	**AV2.5**	**Archive Station**						
		Select video from touch screen	1	Iiyama T2435MSC-B1 24in LCD Touchscreen monitor - 10 point touch	24	16:09		IV
			1	Standard ICT computer (see AVICT specification doc)				
			1	Screen Mount				
			1	Adderlink XD150 DVI & USB Extender Pair				
			1	Pulse SDA40 40W Compact Stereo Amplifier				
			1	Muxlab 500019 Audio Balun Pair				
			2	Visaton FR13 4 ohm 5" Full Range Speaker				
		Audio hardware to be local to exhibit.	1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			2	Aviosys IP Power IP9258 4 Way Power Unit IP Control				
			2	Local Cables & Connectors				
Ex 2.8	**AV2.6**	**DELETED**						

ERA 3								
Ex 3.5	**AV3.1**	**Glamour of 20's & 30's Flying Competitions**						
		Looping video displayed onto two screens with directional audio.	2	Iiyama Prolite B2483HSU-B1DP 24in LCD Screen	24	16:09		Loop
			2	Screen Mount				
			1	Brightsign HD1023 Video Player with memory card				
			2	Kramer TP-580TXR H Base T Transmitter				
			2	Kramer TP-580RXR H Base T Receiver				
			2	Muxlab 500019 Audio Balun Pair				
			2	Pulse SDA40 40W Compact Stereo Amplifier				
		Audio hardware to be local to exhibit.	4	Visaton FR13 4 ohm 5" Full Range Speaker				
			2	Kramer PT-102AN Audio DA 1 in 2 Out				
			2	Induction Loop amplifier - Local with loop				
			3	Aviosys IP Power IP9258 4 Way Power Unit IP Control				
			2	Local Cables & Connectors				
Ex 3.6	**AV3.3**	**Archive Station**						
		Select video from touch screen	1	Iiyama T2435MSC-B1 24in LCD Touchscreen monitor - 10 point touch	24	16:09		IV
			1	Standard ICT computer (see AVICT specification doc)				
			1	Screen Mount				
			1	Adderlink XD150 DVI & USB Extender Pair				

			1	Muxlab 500019 Audio Balun Pair				
			1	Pulse SDA40 40W Compact Stereo Amplifier				
		Audio hardware to be local to exhibit.	2	Visaton FR13 4 ohm 5" Full Range Speaker				
			1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			2	Aviosys IP Power IP9258 4 Way Power Unit IP Control				
			2	Local Cables & Connectors				
Ex 3.6	**AV3.4**	**Oral History Audio Station**						
		Select audio via a dial replayed via handset	1	Brightsign LS322 Audio Player				
		AV Hardware vendor to free issue to fit out contractor	1	Mini Speaker				
			1	Switch Interface				
			1	Muxlab 500019 Audio Balun Pair				
			1	Kramer PT-102AN Audio DA 1 in 2 Out				
		Audio hardware to be local to exhibit.	1	Induction Loop amplifier - Local with loop				
			1	Aviosys IP Power IP9258 4 Way Power Unit IP Control				
			4	Local Cables & Connectors				
Ex 3.13	**AV3.5**	**Materials**						
		Looping video	1	Iiyama Proloite XB2783HSU-1 27" LCD Screen	27			
			1	Screen Mount				
			1	Brightsign HD1023 Video Player with memory card				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Kramer TP-580RXR H Base T Receiver				
			1	Muxlab 500019 Audio Balun Pair				
			2	Pulse SDA40 40W Compact Stereo Amplifier				
		Audio hardware to be local to exhibit.	2	JBL Control 1 Boxed Speaker				
			1	Kramer PT-102AN Audio DA 1 in 2 Out				
			2	Induction Loop amplifier - Local with loop				
			2	Aviosys IP Power IP9258 4 Way Power Unit IP Control				
			2	Local Cables & Connectors				
Ex 3.11	**AV3.6**	**Steering an aircraft (The Bulldog)**						
			1	Iiyama T2435MSC-B1 24in LCD Touchscreen monitor - 10 point touch	24	16:09		IV
		Interactive exhibit no audio	1	Screen Mount				
			1	Standard ICT computer (see AVICT specification doc)				
			1	Adderlink XD150 DVI & USB Extender Pair				
			1	Icron USB Extender pair				
			1	Pedal Interface (Switch Interface)				
			2	Aviosys IP Power IP9258 4 Way Power Unit IP Control				
			4	Local Cables & Connectors				
ERA 4								
Ex 4.4	**AV4.1**	**Oral History Audio Station**						
		Audio replayed when handset is lifted	1	Brightsign LS322 Audio Player				
		AV Hardware vendor to free issue to fit out contractor	1	Mini Speaker				

			1	Switch Interface				
			1	Muxlab 500019 Audio Balun Pair				
			1	Kramer PT-102AN Audio DA 1 in 2 Out				
		Audio hardware to be local to exhibit.	1	Induction Loop amplifier - Local with loop				
			1	Aviosys IP Power IP9258 4 Way Power Unit IP Control				
			4	Local Cables & Connectors				
AV74002b	**AV4.2**	**Designing an Aircraft**						
		Video Loop	1	Iiyama ProLite LE3240S-B1 32" LCD Screen	32	16:09		
			1	Screen Mount				
		No audio	1	Brightsign HD1023 Video Player with memory card				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Kramer TP-580RXR H Base T Receiver				
			1	Aviosys IP Power IP9258 4 Way Power Unit IP Control				
			4	Local Cables & Connectors				
Ex 4.11	**AV4.3**	**Wartime working at Filton**						
		Projected image linked to audio that moves as the images move.	1	Epson EB-EL1100U WUXGA Laser Lamp Projector		16:10		Looping
			1	Epson ELPLU03 Short Throw Off Axis Zoom Lens				
			1	Projector Bracket				
			1	Brightsign HD1023 (I/F option) with Memory Card				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Muxlab 500019 Audio Balun Pair				
			1	Ashley 8125 8ch Amp/DSP				
			7	Tannoy Di5 Wall mounted Speaker with mounts				
		Amplifier to be installed close to exhibit, AV Vendor to work	1	Electrovoice ELSB122 12" 400W Sub Bass Speaker				
		with contractor to find suitable location	1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			1	Aviosys IP Power IP9258 4 Way Power Unit IP Control				
			10	Local Cables & Connectors				
Ex 4.12	**AV4.4**	**Archive Station**						
		Select video from touch screen	1	Iiyama T2435MSC-B1 24in LCD Touchscreen monitor - 10 point touch	24	16:09		IV
			1	Standard ICT computer (see AVICT specification doc)				
			1	Screen Mount				
			1	Adderlink XD150 DVI & USB Extender Pair				
			1	Pulse SDA40 40W Compact Stereo Amplifier				
			2	Visaton FR13 4 ohm 5" Full Range Speaker				
		Audio hardware to be local to exhibit.	1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			1	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			2	Local Cables & Connectors				
Ex 4.12	**AV4.5**	**Oral History Audio Station**						

		Select audio via a dial replayed via handset	1	Brightsign LS322 Audio Player				
		AV Hardware vendor to free issue to fit out contractor	1	Mini Speaker				
			1	Switch Interface				
			1	Muxlab 500019 Audio Balun Pair				
		Audio hardware to be local to exhibit.	1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			1	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			4	Local Cables & Connectors				
Ex 4.6	**AV4.6**	**Film Footage of Bristol Aircraft in the war**						
		Looping Video with audio	1	Iiyama ProLite LE3240S-B1 32" LCD Screen	32	16:09		Loop
			1	Brightsign HD1023 (I/F option) with Memory Card				
			1	Screen Mount				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Kramer TP-580RXR H Base T Receiver				
			1	Muxlab 500019 Audio Balun Pair				
			1	Pulse SDA40 40W Compact Stereo Amplifier				
		Audio hardware to be local to exhibit.	2	JBL Control 1 Boxed Speaker				
			1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			2	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			6	Local Cables & Connectors				

ERA 5								
Ex 5.3	**AV5.1**	**DELETED**						
Ex 5.9	**AV5.2**	**Britannia Taking Off**						
		Looping video sequence	1	Iiyama Prolite B2483HSU-B1DP 24in LCD Screen	24	16:09		Loop
			1	Brightsign HD1023 (I/F option) with Memory Card				
			1	Screen Mount				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Kramer TP-580RXR H Base T Receiver				
			1	Muxlab 500019 Audio Balun Pair				
			2	Pulse SDA40 40W Compact Stereo Amplifier				
			2	JBL Control 1 Boxed Speaker				
		Audio hardware to be local to exhibit.	1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			2	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			6	Local Cables & Connectors				
Ex 5.1	**AV5.4**	**Bristol Car Film**						
		Looping video sequence	1	Iiyama Prolite B2483HSU-B1DP 24in LCD Screen	24	16:09		Loop
			1	Brightsign HD1023 (I/F option) with Memory Card				
			1	Screen Mount				
			1	Kramer TP-580TXR H Base T Transmitter				

			1	Kramer TP-580RXR H Base T Receiver				
			1	Muxlab 500019 Audio Balun Pair				
			1	Pulse SDA40 40W Compact Stereo Amplifier				
		Audio hardware to be local to exhibit.	2	JBL Control 1 Boxed Speaker				
			1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			2	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			6	Local Cables & Connectors				
Ex 5.12	**AV5.5**	**Jet Engine Interactive (How a Jet Engine Works)**						
		Interactive exhibit invloving touch screen in conjunction with projection.	1	Iiyama T2435MSC-B1 24in LCD Touchscreen monitor - 10 point touch	24	16:09		IV
			1	Screen Mount				
			1	Standard ICT computer (see AVICT specification doc)				
			1	Adderlink XD150 DVI & USB Extender Pair				
			1	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			4	Local Cables & Connectors				
Ex 5.11	**AV5.6**	**173 Helicopter**						
		Looping video sequence	1	Iiyama Prolite B2483HSU-B1DP 24in LCD Screen	24	16:09		Loop
			1	Screen Mount				
		No audio	1	Brightsign HD1023 (I/F option) with Memory Card				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Kramer TP-580RXR H Base T Receiver				
			1	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			4	Local Cables & Connectors				
Ex 5.1	**AV5.7**	**DELETED**						
Ex 5.1	**AV5.8**	**Charlton Village Archive Station**						
		Select video from touch screen	1	Iiyama T2435MSC-B1 24in LCD Touchscreen monitor - 10 point touch	24	16:09		IV
			1	Standard ICT computer (see AVICT specification doc)				
			1	Screen Mount				
			1	Adderlink XD150 DVI & USB Extender Pair				
			1	Pulse SDA40 40W Compact Stereo Amplifier				
		Audio hardware to be local to exhibit.	2	Visaton FR13 4 ohm 5" Full Range Speaker				
			1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			2	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			2	Local Cables & Connectors				
Ex 5.1	**AV5.9**	**Charlton Village Audio Archive**						
		Select audio via a dial replayed via handset	1	Brightsign LS322 Audio Player				

		AV Hardware vendor to free issue to fit out contractor	1	Mini Speaker				
			1	Switch Interface				
			1	Muxlab 500019 Audio Balun Pair				
			1	Kramer PT-102AN Audio DA 1 in 2 Out				
		Audio hardware to be local to exhibit.	1	Induction Loop amplifier - Local with loop				
			1	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			4	Local Cables & Connectors				
Ex 5.1	**AV5.10**	**Apprentices**						
		Looping video sequence	1	Iiyama Prolite B2483HSU-B1DP 24in LCD Screen	24	16:09		Loop
			1	Brightsign HD1023 (I/F option) with Memory Card				
			1	Screen Mount				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Kramer TP-580RXR H Base T Receiver				
			1	Muxlab 500019 Audio Balun Pair				
			1	Pulse SDA40 40W Compact Stereo Amplifier				
			2	JBL Control 1 Boxed Speaker				
		Audio hardware to be local to exhibit.	1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			2	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			6	Local Cables & Connectors				
Ex 5.1	**AV5.11**	**DELETED**						
Ex 5.1	**AV5.12**	**Company Life**						
		Looping video sequence	1	Iiyama Prolite B2483HSU-B1DP 24in LCD Screen	24	16:09		Loop
		No audio	1	Brightsign HD1023 (I/F option) with Memory Card				
			1	Screen Mount				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Kramer TP-580RXR H Base T Receiver				
			1	Muxlab 500019 Audio Balun Pair				
			1	Pulse SDA40 40W Compact Stereo Amplifier				
			2	Visaton FR13 4 ohm 5" Full Range Speaker				
		Audio hardware to be local to exhibit.	1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			2	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			4	Local Cables & Connectors				
Ex 5.1	**AV5.13**	**DELETED**						
Ex 5.1	**AV5.14**	**Family Days**						
		Looping video sequence	1	Iiyama Prolite B2483HSU-B1DP 24in LCD Screen	24	16:09		Loop
		No audio	1	Brightsign HD1023 (I/F option) with Memory Card				
			1	Screen Mount				

			1	Kramer TP-580TXR H Base T Transmitter				
			1	Kramer TP-580RXR H Base T Receiver				
			1	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			2	Local Cables & Connectors				
Ex 5.1	**AV5.15**	**Unionisation**						
		Looping video sequence	1	Iiyama Prolite B2483HSU-B1DP 24in LCD Screen	24	16:09		Loop
		Audio required	1	Brightsign HD1023 (I/F option) with Memory Card				
			1	Screen Mount				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Kramer TP-580RXR H Base T Receiver				
			1	Muxlab 500019 Audio Balun Pair				
			1	Pulse SDA40 40W Compact Stereo Amplifier				
		Audio hardware to be local to exhibit.	2	Visaton FR13 4 ohm 5" Full Range Speaker				
			1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			2	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			6	Local Cables & Connectors				

ERA 6								
Ex 6.1	**AV6.1**	**Bloodhound & Ramjet**						
		Looping video presentation with sound	1	Iiyama Prolite B2483HSU-B1DP 24in LCD Screen	24	16:09		Loop
			1	Screen Mount				
			1	Brightsign HD1023 (I/F option) with Memory Card				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Kramer TP-580RXR H Base T Receiver				
			1	Muxlab 500019 Audio Balun Pair				
			1	Pulse SDA40 40W Compact Stereo Amplifier				
		Audio hardware to be local to exhibit.	2	Visaton FR13 4 ohm 5" Full Range Speaker				
			1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			2	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			6	Local Cables & Connectors				
Ex 6.4	**AV6.2**	**Harrier**						
		Looping video sequence	1	Iiyama Prolite B2483HSU-B1DP 24in LCD Screen	24	16:09		Loop
			1	Brightsign HD1023 (I/F option) with Memory Card				
			1	Screen Mount				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Kramer TP-580RXR H Base T Receiver				
			1	Muxlab 500019 Audio Balun Pair				
			1	Pulse SDA40 40W Compact Stereo Amplifier				
		Audio hardware to be local to exhibit.	2	JBL Control 1 Boxed Speaker				
			1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			2	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				

			6	Local Cables & Connectors				
Ex 6.6	**AV6.3**	**Guided Weapons**						
		Looping video sequence with audio	1	Iiyama Prolite B2483HSU-B1DP 24in LCD Screen	24	16:09		Loop
			1	Brightsign HD1023 (I/F option) with Memory Card				
			1	Screen Mount				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Kramer TP-580RXR H Base T Receiver				
			1	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			4	Local Cables & Connectors				
Ex 6.7	**AV6.4a, b**	**Moral Dilemmas**						
		Touch screen interactive display with sound	2	Iiyama T2435MSC-B1 24in LCD Touchscreen monitor - 10 point touch	24	16:09		IV
		with results screen	2	Screen Mount				
			1	Standard ICT computer (see AVICT specification doc)				
			2	Adderlink XD150 DVI & USB Extender Pair				
			1	Icron USB Extender pair				
			1	Pulse SDA40 40W Compact Stereo Amplifier				
			2	Visaton FR13 4 ohm 5" Full Range Speaker				
		Audio hardware to be local to exhibit.	1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			2	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			6	Local Cables & Connectors				
Ex 6.2	**AV6.5**	**DELETED**						
Ex 6.8	**AV6.6**	**Chevaline**						
		Looping video presentation with sound	1	Iiyama Prolite B2483HSU-B1DP 24in LCD Screen	24	16:09		Loop
			1	Screen Mount				
			1	Brightsign HD1023 (I/F option) with Memory Card				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Kramer TP-580RXR H Base T Receiver				
			1	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			4	Local Cables & Connectors				
Ex 6.11	**AV6.8**	**Rise of Computers**						
		Select video from touch screen	1	Iiyama T2435MSC-B1 24in LCD Touchscreen monitor - 10 point touch	24	16:09		IV
			1	Standard ICT computer (see AVICT specification doc)				
			1	Screen Mount				
			1	Adderlink XD150 DVI & USB Extender Pair				
			1	Pulse SDA40 40W Compact Stereo Amplifier				
			2	Visaton FR13 4 ohm 5" Full Range Speaker				
		Audio hardware to be local to exhibit.	1	Kramer PT-102AN Audio DA 1 in 2 Out				

			1	Induction Loop amplifier - Local with loop				
			2	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			2	Local Cables & Connectors				
Ex 6.12	**AV6.9**	**Design for Speed**						
		Looping video presentation with sound	1	Iiyama Prolite B2483HSU-B1DP 24in LCD Screen	24			Loop
			1	Screen Mount				
		Sonic Boom	1	Brightsign HD1023 (I/F option) with Memory Card				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Kramer TP-580RXR H Base T Receiver				
			1	Muxlab 500019 Audio Balun Pair				
			3	Pulse SDA40 40W Compact Stereo Amplifier				
			2	Visaton FR13 4 ohm 5" Full Range Speaker				
			1	Tannoy TANVSX10P Compact Sub Bass speaker				
			1	Kramer PT-102AN Audio DA 1 in 2 Out				
		Audio hardware to be local to exhibit.	1	Induction Loop amplifier - Local with loop				
			2	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			6	Local Cables & Connectors				
Ex 6.15	**AV6.10**	**Satelittes and their uses (1)**						
		Looping video presentation with sound	1	NEC V463 46" Screen	46	16:09		Loop
			1	Screen Mount				
			1	Brightsign HD1023 (I/F option) with Memory Card				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Kramer TP-580RXR H Base T Receiver				
			1	Muxlab 500019 Audio Balun Pair				
			1	Pulse SDA40 40W Compact Stereo Amplifier				
			2	Visaton FR13 4 ohm 5" Full Range Speaker				
		Audio hardware to be local to exhibit.	1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			2	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			4	Local Cables & Connectors				
Ex 6.14	**AV6.11**	**Archive Station**						
		Select video from touch screen	1	Iiyama T2435MSC-B1 24in LCD Touchscreen monitor - 10 point touch	24	16:09		IV
			1	Standard ICT computer (see AVICT specification doc)				
			1	Screen Mount				
			1	Adderlink XD150 DVI & USB Extender Pair				
			1	Pulse SDA40 40W Compact Stereo Amplifier				
			2	Visaton FR13 4 ohm 5" Full Range Speaker				
		Audio hardware to be local to exhibit.	1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			1	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			2	Local Cables & Connectors				

Ex 6.14	**AV6.12**	**Oral History Audio Station**						
		Select audio via a dial replayed via handset	1	Brightsign LS322 Audio Player				
		AV Hardware vendor to free issue to fit out contractor	1	Mini Speaker				
			1	Switch Interface				
			1	Muxlab 500019 Audio Balun Pair				
			1	Kramer PT-102AN Audio DA 1 in 2 Out				
		Audio hardware to be local to exhibit.	1	Induction Loop amplifier - Local with loop				
			1	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			4	Local Cables & Connectors				
Ex 6.13	**AV6.13**	**Wind Tunnel**						
		Interactive with sound	1	NEC V423-TM-2 42" LCD Touch Screen	42"	16:09		IV
			1	Standard ICT computer (see AVICT specification doc)				
			1	Screen Mount				
			1	Adderlink XD150 DVI & USB Extender Pair				
			1	Pulse SDA40 40W Compact Stereo Amplifier				
			2	JBL Control 1 Boxed Speaker				
		Audio hardware to be local to exhibit.	1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			2	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			6	Local Cables & Connectors				
Ex 6.15	**AV6.14**	**Satelittes and their uses (2)**						
		Looping video presentation with sound	1	NEC V463 46" Screen	46	16:09		Loop
			1	Screen Mount				
			1	Brightsign HD1023 (I/F option) with Memory Card				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Kramer TP-580RXR H Base T Receiver				
			1	Muxlab 500019 Audio Balun Pair				
			4	Pulse SDA40 40W Compact Stereo Amplifier				
		Audio hardware to be local to exhibit.	2	Visaton FR13 4 ohm 5" Full Range Speaker				
			1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			2	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			4	Local Cables & Connectors				
ERA 7								
Ex 7.0	**AV7.0**	**Consub**						
		Looping video presentation with sound	1	Iiyama Proloite XB2783HSU-1 27" LCD Screen	27			Loop
		Ability to switch to live camera feed via pushbutton.	1	Screen Mount				
		Camera to be supplied and fitted by Client.	1	Brightsign HD1023 (I/F option) with Memory Card				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Kramer TP-580RXR H Base T Receiver				
			1	Bullet Camera Comp Video Out (Free Issued)				
			1	Kramer VP-410 Composite to HDMI Scaler				

			1	Kramer VS-211H HDMI 2 in 1 out switch				
			2	Starpoint Pushbutton				
			1	Muxlab 500019 Audio Balun Pair				
			1	Pulse SDA40 40W Compact Stereo Amplifier				
			2	Visaton FR13 4 ohm 5" Full Range Speaker				
		Audio hardware to be local to exhibit.	1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			2	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			6	Local Cables & Connectors				
Ex 7.1	**AV7.1**	**Development of Aircraft**						
		Looping video sequence no audio	1	NEC V463 46" Screen	46	16:09		Loop
			1	Screen Mount				
			1	Brightsign HD1023 Video Player with memory card				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Kramer TP-580RXR H Base T Receiver				
			1	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			2	Local Cables & Connectors				
Ex 7.1	**AV7.2**	**Development of Aircraft**						
		Looping video sequence audio shared with AV7.1	1	Iiyama Prolite B2483HSU-B1DP 24in LCD Screen	24	16:09		Loop
			1	Screen Mount				
			1	Brightsign HD1023 Video Player with memory card				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Kramer TP-580RXR H Base T Receiver				
			1	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			2	Local Cables & Connectors				
Ex 7.4+B622	**AV7.3a**	**Airbus Wing**						
		Touchscreen Interactive with audio	1	Iiyama T2435MSC-B1 24in LCD Touchscreen monitor - 10 point touch	24	16:09		IV
			1	Screen Mount				
			1	Standard ICT computer (see AVICT specification doc)				
			1	Adderlink XD150 DVI & USB Extender Pair				
			1	Icron USB Extender pair				
			1	Pulse SDA40 40W Compact Stereo Amplifier				
			2	Visaton FR13 4 ohm 5" Full Range Speaker				
		Audio hardware to be local to exhibit.	1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			2	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			6	Local Cables & Connectors				
Ex 7.4	**AV7.3b**	**Airbus Wing**						
		Looping video sequence audio shared with AV7.1	1	Iiyama Prolite B2483HSU-B1DP 24in LCD Screen	24			
			1	Screen Mount				
			1	Brightsign HD1023 Video Player with memory card				
			1	Kramer TP-580TXR H Base T Transmitter				

			1	Kramer TP-580RXR H Base T Receiver				
			1	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			2	Local Cables & Connectors				
Ex 7.5	**AV7.4**	**R-R Fan**						
		Touchscreen Interactive with audio	1	Iiyama T2435MSC-B1 24in LCD Touchscreen monitor - 10 point touch	24	16:09		IV
			1	Screen Mount				
			1	Standard ICT computer (see AVICT specification doc)				
			1	Adderlink XD150 DVI & USB Extender Pair				
			1	Icron USB Extender pair				
			1	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			4	Local Cables & Connectors				
	AV7.5a-e	**Pod Interactive**						
		Touchscreen interactive with touch based slave screen	5	NEC V463 46" Screen	46	16:09		
		Audio required	5	Iiyama T2435MSC-B1 24in LCD Touchscreen monitor - 10 point touch	24	16:09		IV
			10	Screen Mount				
			5	Standard ICT computer with dual o/p (see separate spec)				
			10	Adderlink XD150 DVI & USB Extender Pair				
			10	Icron USB Extender pair				
			5	Pulse SDA40 40W Compact Stereo Amplifier				
			10	Visaton FR13 4 ohm 5" Full Range Speaker				
		Audio hardware to be local to exhibit.	5	Kramer PT-102AN Audio DA 1 in 2 Out				
			5	Induction Loop amplifier - Local with loop				
			10	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			20	Local Cables & Connectors				
Ex 7.6	**AV7.6**	**DELETED**						

ERA 8								
	AV 8.1	**Count down clock/animation**						
		video - sync to main show	1	Iiyama Prolite B2483HSU-B1DP 24in LCD Screen	24	16:09		Loop
			1	Screen Mount				
			1	Brightsign HD1023 (I/F option) with Memory Card				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Kramer TP-580RXR H Base T Receiver				
	AV 8.2b	**Olympus Engine**						
		Looping video presentation with sound	1	Iiyama Prolite B2483HSU-B1DP 24in LCD Screen	24	16:09		Loop
			1	Screen Mount				
			1	Brightsign HD1023 (I/F option) with Memory Card				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Kramer TP-580RXR H Base T Receiver				
			1	Muxlab 500019 Audio Balun Pair				
			4	Pulse SDA40 40W Compact Stereo Amplifier				

		Audio hardware to be local to exhibit.	2	Visaton FR13 4 ohm 5" Full Range Speaker				
			1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			2	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			4	Local Cables & Connectors				

ERA 9								
Ex 9.1	**AV9.1**	**Intro**						
		Projection with audio	1	Epson EB-EL1100U WUXGA Laser Lamp Projector		16:10		Looping
			1	Epson ELPLU03 Short Throw Off Axis Zoom Lens				
			1	Projector Bracket				
			1	Brightsign HD1023 (I/F option) with Memory Card				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Muxlab 500019 Audio Balun Pair				
			1	Pulse SDA40 40W Compact Stereo Amplifier				
			2	JBL Control 1 Boxed Speaker				
		Audio hardware to be local to exhibit.	1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			1	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			6	Local Cables & Connectors				
Ex 9.2	**AV9.2**	**We made it**						
		Touchscreen Interactive with audio	1	Iiyama T2435MSC-B1 24in LCD Touchscreen monitor - 10 point touch	24	16:09		IV
			1	Screen Mount				
			1	Standard ICT computer (see AVICT specification doc)				
			1	Adderlink XD150 DVI & USB Extender Pair				
			1	Icron USB Extender pair				
			1	Pulse SDA40 40W Compact Stereo Amplifier				
			2	Visaton FR13 4 ohm 5" Full Range Speaker				
			1	Kramer PT-102AN Audio DA 1 in 2 Out				
		Audio hardware to be local to exhibit.	1	Induction Loop amplifier - Local with loop				
			1	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			6	Local Cables & Connectors				
Ex 9.3	**AV9.3**	**We flew it, air intake**						
		Touchscreen Interactive with no audio	1	Iiyama T2435MSC-B1 24in LCD Touchscreen monitor - 10 point touch	24	16:09		IV
			1	Screen Mount				
			1	Standard ICT computer (see AVICT specification doc)				
			1	Adderlink XD150 DVI & USB Extender Pair				
			1	Icron USB Extender pair				
			1	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			4	Local Cables & Connectors				
Ex 9.3	**AV9.4**	**We flew it, fuelling**						
		Touchscreen Interactive with no audio	1	Iiyama T2435MSC-B1 24in LCD Touchscreen monitor - 10 point touch	24	16:09		IV
			1	Screen Mount				

			1	Standard ICT computer (see AVICT specification doc)				
			1	Adderlink XD150 DVI & USB Extender Pair				
			1	Icron USB Extender pair				
			1	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			4	Local Cables & Connectors				
EX9.5	**AV9.5**	**Brian Trubshaw**						
			1	NEC V423 40" LCD Screen	40			Loop
			1	Screen Mount				
			1	Brightsign HD1023 (I/F option) with Memory Card				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Kramer TP-580RXR H Base T Receiver				
			4	Local Cables & Connectors				
Ex 9.8	**AV9.6**	**My Concorde**						
		Video loop with directional audio	1	NEC V423 40" LCD Screen	40	16:09		Looping
			1	Screen Bracket				
			1	Brightsign HD1023 (I/F option) with Memory Card				
			1	Kramer TP-580TXR H Base T Transmitter				
			1	Muxlab 500019 Audio Balun Pair				
			1	Pulse SDA40 40W Compact Stereo Amplifier				
			2	JBL Control 1 Boxed Speaker				
		Audio hardware to be local to exhibit.	1	Kramer PT-102AN Audio DA 1 in 2 Out				
			1	Induction Loop amplifier - Local with loop				
			2	Aviosysys IP Power IP9258 4 Way Power Unit IP Control				
			6	Local Cables & Connectors				

Overall Control		
	2	Medialon Showmaster Pro Show Controller
	4	24 Way Network Switch
	1	Rack Monitor and Keyboard
Suitable equipment rack will be required, fully wired and fitted in the control room.	5	Equipment rack 42U - Fully wired fitted in AV room