


BOEING 757

Wiring Diagram Manual

CHAPTER 25 -EQUIPMENT & FURNISHINGS

AIR 2000 CUSTOMISATIONS

 www.aesglobal.com BCAR APPR.: AD/1833/01		MODIFICATION TITLE: INTRODUCTION OF 233 PASSENGER INTERIOR PLACE LAYOUT AND FLEET STANDARD FURNISHINGS				MODIFICATION No. AES-757-050 PART A – L ISSUE 5 Page 1 of 10	
		A/C TYPE: B757-200		A/C VARIANT: -2YO		A/C REG: G-CPEP		A/C SERIAL No.: 25268
Retro. Action: SEE SHT. YES/NO		Certificate of Airworthiness Category: PUBLIC TRANSPORT - PASSENGER				CAA Class: MAJOR/MINOR	
Project No.: 0056		Performance Group: TURBINE JET				ATA: VAR	
Reason for Modification: TO SUIT THE REQUIREMENTS OF THE OPERATOR – AIR 2000 AIRLINES						Reports: AES-TR-0005 AES-SR-0006	
WEIGHT CHANGE SEE SECTION 5.5.1		ELECTRICAL LOAD SEE SECTION 5.5.2		NOISE SEE SECTION 5.3.1		DOCUMENTS SEE SECTION 11.0	
<p align="center">CERTIFICATE OF DESIGN</p> <p align="center">I hereby certify that this modification defines all the changes associated with this certificate.</p> <p>The technical information contained in this document has been approved under the authority of BCAR Approval No. AD/1833/01 I further certify that, with the exceptions listed below, the design of this modification complies with the requirements specified by the CAA as the certification basis for this type of aircraft and with any additional requirements notified by the CAA in respect of the particular modification.</p> <p align="center">EXCEPTIONS</p> <p align="center">NONE</p>							
APPROVAL STATUS COMPLETE/INCOMPLETE (see section 10)				CAA AAN No.: NOT APPLICABLE			
				JAA STC No.: NOT APPLICABLE			
ISSUE	DRAFT	1	2	3	4	5	
DRN No.	-	0088	0112	0139	0172	0174	
APPROVAL DATE	-	MAE 30.04.02	MAE 01.05.02	MAE 13-06-02	MAE 16.08.02	AMD/MAE 27.08.02	
ISSUE	RAISE ISSUE DETAIL					SHEETS AFFECTED	
4 5	SECTION 11.0 – DOI-0040 ADDED SECTION 11.0 – DOI-0041 ADDED CHANGES HIGHLIGHTED WITH MARGINAL LINE					9 9	
ISSUE	DATE	COMPILED	APPROVAL STRESS	APPROVAL DESIGN	APPROVAL AVIONICS	DOCUMENTS AFFECTED	SEE SHT
1	APR 2002	A DOLBY	MAE	MAE	ALH	MMEL	7 7 7 7
2	MAY 2002	A HEISSIG	MAE	MAE	ALH	MAINT MANUAL*	
3	MAY 2002	L DONALD	MAE	AMD	ALH	WDM*	
4	AUG 2002	A HEISSIG	MAE	MAE	ALH	REPAIR MANUAL	
5	AUG 2002	A HEISSIG	AMD/MAE	AMD	ALH	FLIGHT MANUAL	7
						CREW MANUAL	
						MAINT. SCHEDULE	7
						PART CATALOGUE*	
						* OPERATORS RESPONSIBILITY	

DETAILS OF MODIFICATION

1.0 Introduction

- 1.1 This modification introduces 233 passenger seat places for the Air 2000 operated B757-2YO aircraft. The subject aircraft was previously modified by MAEL modification MON/757/25/2818 (AAN 28135) for preparation for export to the United States. Previous changes are retained in part only.
- 1.2 This modification is raised in parts to facilitate progressive embodiment. AES-757-050 Part A review the existing Monarch Modification MON/757/25/2818. AES-757-050 Part E details cabin seating changes introduced. AES-757-050 Part B and subsequent parts details the additional customisation changes introduced herein.

2.0 Modification Definition

- 2.1 AES-757-050 Part A – Review of Existing Omnibus Monarch Modification MON/757/25/2818 (AAN 28135) & Entry Into Service Modifications.
 - 2.1.1 Engineering Orders embodied by the operator and Monarch omnibus modification MON/757/25/2818 are reviewed for compliance with UK CAA requirements. AES Technical Report AES-TR-0005 refers and includes a summary of previously embodied changes, which are retained or deleted.
- 2.2 AES-757-050 Part B – Introduction of Galley 1B
 - 2.2.1 The operator's standard Galley 1B P/N 7572AZ1BMK01 is installed in the forward right hand cabin forward of Row 1.
- 2.3 AES-757-050 Part C – Introduction of LCD monitor provision
 - 2.3.1 A bulkhead mounted LCD monitor P/N RD-AV7901-01 is installed to the aft face of the forward LH and RH bulkhead.
 - 2.3.2 A new interface unit P/N RD-AV4004-01 is installed in series with the existing fwd centreline monitor at STA 400 above the aircraft ceiling panels to provide additional video signal outlets to the newly installed LCD monitors.
 - 2.3.3 New cable assemblies will be introduced between the interface box and LCD monitors to supply power and video signal information.
 - 2.3.4 All remaining video equipment and wiring is retained as existing.

2.4 AES-757-050 Part D – Installation of Emergency Equipment

- 2.4.1 An emergency equipment layout is installed to suit the requirements of the operator and conforms to the requirements of JAR-OPS Sub Part K. The layout is similar to the operators existing approved arrangement.

2.5 AES-757-050 Part E – Introduction of Cabin Passenger Seating – 233Y Pax.

- 2.5.1 The existing 228Y passenger seating configuration, consisting of Sicma 9568 series seats is removed. A 233Y passenger seating configuration is introduced utilising existing Airline Interiors AI-1000-CAA seat types previously installed on the operator's 757 registration G-OOOG S/N 24292.
- 2.5.2 The existing foams and dress material currently fitted to the Airline Interiors seats are retained unaltered.
- 2.5.3 The existing seat mounted in-seat audio IFE cabling currently installed on the Airline Interiors seats is compatible with the aircraft IFE system and retained unaltered
- 2.5.4 Delethalisation pads are fitted to the aft face of the bulkheads immediately forward of the first row of passenger seats.
- 2.5.5 The carpet in the passenger cabin is replaced using the operator's standard material – Lantal Melair 3234 LS D783/300 or ANKAR 6228/08894.

2.6 AES-757-050 Part F – Installation of Cabin Seat-to-Seat IFE cabling

- 2.6.1 The existing cabling installed via MAEL modification MON/757/23/2798 and is predominantly retained. Additional cabling is introduced to cater for the increase cabin seating.

2.7 AES-757-050 Part G – Removal of Lavatory S

- 2.7.1 The Lavatory 'S', previously relocated by Monarch modification MON/757/25/2791 is deleted to provide commonality to the operator's existing fleet of B757 aircraft.
- 2.7.2 The existing overhead stowage compartments are removed and replaced with modified items removed from aircraft S/N 32446 and 32447.
- 2.7.3 Rework to the existing Door 2 panel assembly, sidewall lining, replacement floor panels are installed to the cabin and fill the void created by the Lavatory removal. Seat tracks are introduced where the lavatory was previously installed. The changes introduced are similar to those previously introduced to the operator's other B757-2YO airplanes.

2.8 AES-757-050 Part H – Installation Passenger Service Units

2.8.1 The passenger Service Units (PSU's) are repositioned as required to take account of the new passenger seating arrangement.

2.9 AES-757-050 Part J - Installation of Floor Proximity Lighting

2.9.1 The aircraft currently has a standard Boeing floor path system fitted. This system is retained and new joggles introduced to suit the new cabin furnishings where required.

2.10 AES-757-049 Part K – Intentionally Left Blank

2.11 AES-757-049 Part L – Rework of the forward LH closet

2.11.1 The existing LH Closet P/N 413N3205-148 is reworked by removing the closet structure currently attached on the aft face of the bulkhead retaining the original bulkhead structure. Stress office report AES-SR-0006 refers.

3.0 **Approval Procedures**

3.1 This modification certification/approval/validation has been carried out in accordance with BCAR A2-5.

4.0 **Basis of Certification/Validation/Approval**

4.1 **CAA Certification/Validation/Approval Basis For The Aircraft/Modification**

4.1.1 FOR –2YO A/C: The certification basis of the aircraft type is FAR25, UK Type Certificate Data Sheet FA28 refers.

4.2 **Design Requirements For Certificate Of Airworthiness**

4.2.1 Not Applicable

4.3 **Environmental Requirements**

4.3.1 The aircraft noise requirements are detailed in CAA Noise Certificate No. 58 & 77, UK TCDS FA28 refers.

4.3.2 RTCA/DO-160C is applicable to the environmental testing for the LCD monitors and Interface Box.

4.4 Design Requirements Associated With operational Approvals

4.4.1 The following design requirements are addressed within this modification.

JAR/FAR 25.785	Seats, Berths, Safety Belts and Harnesses
JAR/FAR 25.810	Emergency egress assist means and escape routes
JAR/FAR 25.812	Emergency Lighting
JAR/FAR 25.815	Width of aisle
JAR/FAR 25.853	Compartment interiors
FAR/JAR App. F Pt II	Flammability
CAA AWN No 56	Emergency Floor Path Lighting Systems
CAA AWN No 59	Aircraft Seats & Berths Resistance to Fire
CAA AWN No 64	Minimum Space for Seated Passengers
CAA Specification 15	Cabin Audibility
AIL11-26	Passenger Service and In-flight Entertainment (IFE) Systems
JAR 25.1301	Function and installation
JAR 25.1309	Equipment, Systems and Installations
JAR 25.1351	General
JAR 25.1353	Electrical equipment and installations
JAR 25.1357	Circuit protective devices
JAR 25.1431	Electronic equipment

5.0 Compliance with the Basis of Certification/Validation/Approval

5.1 Compliance with the Certification/Validation/Approval Basis for the Aircraft/Modification.

5.1.1. Embodiment of this modification does not affect the certification basis of the aircraft.

5.2 Compliance With Design Requirements For Certificate Of Airworthiness

5.2.1 Not Applicable.

5.3 Compliance with Environmental Requirements

5.3.1 Embodiment of this modification does not affect the existing noise certificate.

5.3.2 **RTCA/DO-160C:** The monitors and interface box are approved to RTCA/DO160-C for conducted and radiated emissions.

5.4 Compliance with Design Requirements Associated with Operational Approvals

5.4.1 Passenger Seating

5.4.1.1 The Airline Interiors AI-1000-CAA series seats are FAA (TSO-C39b) / CAA approved items. CAA Approval AR01385 refers.

5.4.2 **Passenger Safety Belts:** Each passenger seat place is equipped with a UK CAA Approved safety belt.

5.4.3 **Exit arrangements:** 3 Pairs of Type I and 1 pair of Type I Improved exits at door 2 exceed the minimum requirements stated within the airplane Type Certificate for the carriage of 233 passengers. The maximum permitted passenger occupancy with this exit arrangement is 239.

5.4.4 **FAR/JAR 25.812:** Continued compliance with the stated requirements is maintained.

5.4.5 **FAR/JAR 25.815:** Cabin aisle widths meet or exceed the minimum criteria.

5.4.6 **FAR/JAR 25.810:** Each Type I exit (left and right sides) retains 1 assist space (12" x 20") in addition to a 20" wide unobstructed exit approach path. Each Type I exit Improved (Door 2 left and right sides) retains 1 assist space (12" x 20") either side of a 36" wide unobstructed exit approach path.

5.4.7.1 **FAR/JAR 25.785:** Proximity to bulkheads: Where a minimum head strike of 35" is not maintained from a rigid bulkhead to the seat reference point a delethalisation pad is installed.

5.4.8 **FAR/JAR App. F Pt II: Flammability;** the configuration retains existing seat types used by the operator together with their existing foam and dress cover combination.

5.4.9 **CAA AWN No 56:** The existing emergency floor path lighting installation remains unaffected. The revised seat locations do not adversely affect visibility of the existing installation. MEI-054 requires verification that the visibility of the track is not obscured.

5.4.10 **CAA AWN No 59:** The configuration retains existing seat types. Refer to para 5.4.8.

5.4.11 **CAA AWN No 64:** MEI-054 requires that the installer perform a verification check to ensure that that the interior arrangement meets the minimum requirements of the AWN.

5.4.12 **AIL11-26:** The LCD monitors introduced by Part C of this modification have been installed in accordance with the requirements of Airworthiness Information Leaflet 11-26. Refer to Design Review DESREV-0029 for detailed compliance statements.

5.4.13 **FAR/JAR 25.561 - Emergency Lighting Conditions:** Items of mass installed within the passenger cabin meet the strength requirements pertinent to load cases attributed to emergency lighting conditions together with flight inertial load cases per Boeing Document D6-55441.

5.5 Required (Amendments to) Manuals and other Documents Including Mandatory Placards.

5.5.1 Weight

5.5.1.1 The aircraft shall be reweighed.

5.5.1.2 Amendments to the Weight and Balance Manual are the operator's responsibility.

5.5.2 The introduction of additional seat to seat IFE cable attributes a negligible increase to the aircraft electrical load.

5.5.3 The existing Aircraft Flight Manual is not affected by this modification.

5.5.4 A supplement to the existing Illustrated Parts Catalogue (IPC), Maintenance Manual (AMM) and Wiring Diagram Manual (WDM) can be produced at the operator's discretion.

5.5.5 Placards are introduced to satisfy the requirements JAR25.1561.

6.0 Conditions Affecting This Approval

6.1 The compatibility of this modification with other previously approved modifications installed on the particular aircraft, must be verified by the installer. Where the potential for interactions between modifications exists, the advice of the Design Organisation/CAA shall be sought.

6.2 **Flight Evaluation**

- 6.2.1 Systems changes currently embodied under cover of Engineering Orders and service bulletin [reference AES-TR-0005] require flight evaluation prior to entry to service. Appropriate arrangements to conduct this evaluation are the operator's responsibility.

7.0 **Continued Airworthiness**

- 7.1 The influence of the modification on Airworthiness Directive, Service Bulletin eligibility and other data must be considered and the publications monitored accordingly. The maintenance schedule for the aircraft should include reference to this material additional to the original design. Co-ordination is the responsibility of the operator.

8.0 **Survey**

- 8.1 No further survey required.

9.0 **Authorisation of Release to Service**

- 9.1 In addition to the actions required by the procedures for release to service following maintenance or modification, the following actions must be completed prior to signing the Certificate of Release to Service:
- 9.2 All actions and ground test procedures specified by the modification instructions must be completed satisfactorily.
- 9.3 It must be verified that the documents or amendments to documents, above are as specified, including any changes specified under Section 8 above.

10.0 **Approval**

- 10.1 For modifications classified and approved Minor by CAA, reference Modification Classification Application (MCA-AES-757-050) finding of compliance is delegated to AES under BCAR Approval No. AD/1833/01.

11.0 Documents Required

11.1 New Drawings Introduced

<u>Drawing Number</u>	<u>Issue</u>	<u>Title</u>	<u>AES-757-050</u> <u>Part ()</u>
0159-252-757	2	233 PAX CONFIGURATION B757-2YO (G-CPEP)	E
0155-252-757	1	DELETHALISATION PAD INSTALLATION	E
0160-252-757	1	GALLEY 1B INSTALLATION	B
0185-233-757	2	LCD MONITOR INSTALLATION (FWD LH/RH)	C
0186-233-757	2	W/D: LCD MONITOR INSTALLATION (FWD LH/RH)	C
0187-233-757	2	MONITOR LOOM ASSEMBLY	C
0161-256-757	3	EMEREGNCY EQUIPMENT LAYOUT	D
0162-256-757	3	EMEREGNCY EQUIPMENT INSTALLATION	D
0163-256-757	1	SEAT/SEAT CABLE INSTALLATION	F
0164-534-757	1	SEAT TRACK INSTALLATION	G
0165-252-757	1	OVERHEAD BIN INSTALLATION	G
0166-252-757	2	MOD'N TO OVERHEAD BIN	G
0170-252-757	1	OVERHEAD BIN MOD KIT	G
0167-252-757	1	MOD'N TO O/DOOR 2 PSU RAIL	G
0168-252-757	1	SIDEWALL LINING INSTALLATION	G
0169-252-757	1	WINDOW INSTALLATION	G
0171-245-757	1	W/D: 115V AC BUS LEFT SECTION 3	G
0172-245-757	1	W/D: 115VAC UTILITY BUS – LEFT	G
0174-332-757	1	W/D: ENTRY AND ATT LIGHTS – MID FWD	G
0175-332-757	1	W/D: LAVATORY THRESHOLD LIGHTS	G
0179-252-757	1	MISC LIGHT & SWITCH INSTL'N	G
0181-252-757	1	CEILING PANEL INSTALLATION	G
0182-534-757	1	FLOOR PANEL INSTALLATION	G
0140-252-757	3	PSU LAYOUT (233Y PAX G-CPEP)	H
0158-237-757	1	RASTI MONITORING POS (233Y PAX)	H
0157-335-757	1	FLOOR PATH LIGHTING INSTL'N (G-CPEP)	J
0190-252-757	2	MOD'N TO FWD LH BULKHEAD	L
DOI-0016	1	REMOVAL OF EXISTING EMERGENCY EQUIPMENT BRACKETS	D
DOI 0017	1	SEAT TRACK INSTL'N DOOR 2LH	G
DOI-0018	1	INSTL'N TECH LOG STOWAGE	E
DOI-0019	1	MISCELLANEOUS LIGHT & SWITCH INSTALLATION	G
DOI-0020	1	TO MODIFY EXISTING PSU P/N 417N3200-77A WIRING TO INTERFACE WITH AIRCRAFT WIRING FOR 417N3200-41	H
DOI-0040	1	TO RELOCATE VIDEO DISTRIBUTION UNIT MOUNTING BRACKET AND EXPAND ON EMBODIMENT INSTRUCTIONS	C
DOI-0041	1	RECTIFY VIDEO INTERFERENCE	C

11.2 Existing Drawings Also Required

<u>Drawing Number</u>	<u>Issue</u>	<u>Title</u>	<u>AES-757-050</u> <u>Part ()</u>
NONE			

11.3 Reports/Documents

<u>Document Number</u>	<u>Issue</u>	<u>Title</u>	<u>AES-757-050</u> <u>Part ()</u>
MEI-043	2	REMOVAL OF LAVATORY 'S' (A/C G-CPEP)	G
MEI-051	2	INSTALLATION OF EMERGENCY EQUIPMENT (G-CPEP)	D
MEI-052	3	INSTALLATION OF CABIN SEATING (G-CPEP) (233Y PAX)	E
MEI-053	3	INSTALLATION OF PSU LAYOUT (G-CPEP) (233Y PAX)	H
MEI-054	1	INSTALLATON OF FLOOR PATH LIGHTING (G-CPEP)	J
MEI-055	1	INSTALLATON OF SEAT/SEAT CABLING (G-CPEP)	F
MEI-056	1	INSTALLATION OF GALLEY 1B (G-CPEP)	B
MEI-057	2	INSTALLATION OF BULKHEAD MOUNTED LCD SCREENS	C
MEI-060	2	INSTLN OF 1L BULKHEAD	L
AES-TR-0005	1	REVIEW OF ENTRY INTO SERVICE MODIFICATIONS – G-CPEP (S/N 25268)	A
AES-SR-0006	1	ATTENDANT SEAT BULKHEAD INSTL'N	L

MODIFICATION EMBODIMENT INSTRUCTIONS

A. TITLE PAGE

TITLE: REMOVAL OF LAVATORY 'S' (A/C G-CPEP)

DATE COMPILED: 27.03.02

MODIFICATION NO.: AES-757-050 PART G

PROJECT NO.: PN 0056

EFFECTIVITY:

A/C TYPE	REGISTRATION	SERIAL NO.
757-2YO	G-CPEP	25268 (NB322)

This document is issued for production engineering purposes.

The definitive design requirements are shown in mod AES-757-050, the contents of which override information contained in this MEI.

Differences resulting from existing repairs, variation in build standard or corrosion to be reported to AES Ltd Design Department.

Manufacturing processes and inspection and installation procedures are the responsibility of Air 2000 Limited.

ISSUE	1	2	3	4	5	6
DRN:	0088	0105				
DATE	APR 2002	APR 2002				
COMPILED BY:	A DOLBY	L. DONALD				
CHECKED BY:	L M D	L M D				
DESIGN APP:	A M D	A M D				

MODIFICATION EMBODIMENT INSTRUCTIONS

B. REVISION DETAILS:

WRITE BELOW A BRIEF SUMMARY OF THE CHANGES WHICH HAVE BEEN INTRODUCED AT THE STATED REVISION:

ISSUE	DESCRIPTION
1	NEW ISSUE
2	DRAWING ISSUE STATUS'S AMENDED Para 3.19 added

MODIFICATION EMBODIMENT INSTRUCTIONS

C. CONTENTS:

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MODIFICATION EMBODIMENT INSTRUCTIONS

D1. ACCOMPLISHMENT INSTRUCTIONS		
PREPARATION (EQUIPMENT REMOVAL)		
	MECH SIG.	INSP STAMP
Carry out all procedures in accordance with the relevant sections of the Airplane Maintenance Manual (AMM)		
THESE ACCOMPLISHMENT INSTRUCTIONS PROVIDE DETAILED INSTRUCTIONS FOR THE DELETION OF LAVATORY MODULE LS AND CLOSE OUT OF THIS AREA DELETING AND ADDING PARTS AS NECESSARY TO PROVISION FOR PASSENGER SEATING.		
FOR THE PURPOSE OF SIMPLICITY AND CLARITY THIS E.O. IS DIVIDED INTO THE FOLLOWING CATEGORIES.		
1) REMOVALS		
2) WATER AND WASTE SYSTEM DEACTIVATION		
3) MECHANICAL INSTALLATIONS		
4) ELECTRICAL INSTALLATIONS		
5) FUNCTION TESTS.		
D1.1 See ceiling panel installation drawing 411N3100-70 sheet 44. Remove and delete ceiling panel STA. 620- STA 680 L/H. Existing Lavatory threshold light L586 is deleted as part of the Ceiling Panel. Cap and stow wires IAW Section D4.3 of this MEI. Remove and salvage ceiling panel STA 680 – STA 740 L/H P/N 411N3110-63.		
D1.2 See toilet installation drawing 417N1112-230 installation. Remove and delete Lavatory S toilet assembly P/N S417N102-49 and 4 ea. Tie-down assemblies P/N 65B57839-2 NOTE: Retain tie down assemblies for reinstallation of lavatory module at a later date.		
D1.3 Remove and delete Lavatory S per AMM Ch 25-41-02-401 (& 25-41-03-401). NOTE: Retain Lavatory oxygen box assembly P/N 417N3810-97SP for reinstallation of lavatory module at a later date.		

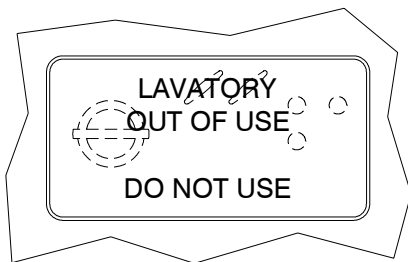
MODIFICATION EMBODIMENT INSTRUCTIONS

D1. ACCOMPLISHMENT INSTRUCTIONS PREPARATION (EQUIPMENT REMOVAL)		
	MECH SIG.	INSP STAMP
<p>D1.4 See overhead stowage compartment installation drawing 412N1105-108 installation on sheet 19. Remove and delete stowage compartment STA 560 – STA 647 L/H P/N 412N1236-647. Delete bull nose assembly P/N 412N1168-11 & Trim P/N 412N1144-1 (&-12) Salvage all remaining parts. Retain bull-nose (including emergency light) P/N 412N1167-1 for use on replacement stowage.</p> <p>See overhead stowage compartment installation drawing 412N1105-405, sheet 6,7 & 16) installation. Remove and delete modified over door panel assembly 680 – STA 740 L/H (Original P/N 412N1250-30)</p>		
<p>D1.5 See sidewall installation drawing 411N1401-37 installation on sheet 18. Remove parts STA 620.45 – STA 647 as follows:</p> <p>Retain 1 x 411N1510-1027 Carpet Riser Panel (26.3") Delete 1 x 65C31834-69 Trim Strip (STA 640.45) Delete 1 x 65C32768-9 Seal (STA 647)</p> <p>Salvage 1 x 411N1102-22 Trim Strip (STA 640.45)</p>		
<p>D1.6 See sidewall lighting installation drawing 417N5106-33 (sheet 20,28) (LHS). Remove and retain lens retainer P/N 65C33289-4 at STA 640 L/H</p> <p>Remove and salvage all other parts STA 600.45 – STA 643.0 L/H to facilitate removal of outlet extrusion step D1.7.</p>		
<p>D1.7 See A/C outlet extrusion installation drawing 412N3131-109 installation sheet 16. Remove and retain outlet assembly P/N 412N3103-31 from STA 565-645 for rework.</p>		
<p>D1.8 See No 2 Doorway lining installation drawing 411N2330-90 (sheet 7). Remove and delete panel assembly P/N 411N2333-78, seal P/N 411N2006-26, seal P/N 411N2601-4. Salvage forward upper corner panel P/N 411N2333-52 (for rework), assist handle and attaching parts. (IPC Ch 25-21-06-09 refers)</p>		
<p>D1.9 See Lavatory & Galley vent system installation drawing 214N3003-26 installation on sheet 5 (IPC Ref 21-26-09-13). Remove and delete flex duct P/N BOE2061-0003. Cap off overhead duct inlet at STA 657 using end cap P/N 1500-24.</p>		

MODIFICATION EMBODIMENT INSTRUCTIONS

D1. ACCOMPLISHMENT INSTRUCTIONS PREPARATION (EQUIPMENT REMOVAL)		
	MECH SIG.	INSP STAMP
<p>D1.10 See Lavatory air duct installation drawing 214N4001-8 (IPC Ref 21-26-09-61G). Remove and delete flex duct P/N BOE20563A280 and reducer P/N 417N3062-1. Cap off overhead outlet at STA 675.85 using end cap P/N 1500-16.</p> <p>NOTE: Retain flex duct and reducer assemblies for reinstallation of lavatory module at a later date.</p>		
<p>D1.11 Remove and delete window plug at STA 650.45 L/H per 757 M. Manual Ch 56-21-01. Salvage installation hardware.</p> <p>NOTE: Retain window plug assembly for reinstallation of lavatory module at a later date.</p>		
D1.12 Intentionally left Blank		
D1.13 Intentionally left Blank		
END		

MODIFICATION EMBODIMENT INSTRUCTIONS

D2. ACCOMPLISHMENT INSTRUCTIONS – SECTION D2 WATER & WASTE SYSTEM DEACTIVATION		
	MECH SIG.	INSP STAMP
D2.0	See forward potable water drain installation drawing 417N2103-1. Remove and delete elbow P/N NAS1761J0606 located at LBL 41.35 STA 677.75. Cap off Drain hose at this location using cap P/N BACC14ADO6JL. (IPC Ch. 38-11-05-01A refers)	
D2.1	See forward wastewater drain installation drawing 417N2202-27. Cap off drain line at STA 677.75 using tube P/N 417N2310-63 and cap P/N 69B50212-1. (IPC Ch. 38-31-54-03 refers)	
D2.2	See overhead water line installation drawing 417N2101-103. Install cap P/N BACC14AD06JL at STA 690. (IPC Ch. 38-11-52-03 refers)	
D2.3	See forward lavatory waste duct installation drawing 417N8501-27. Remove and delete adapter assembly P/N 417N8212-3 and connector elbow P/N S417N802-18 (ALT IT4986-18). Install cap P/N S417N802-11 onto waste duct at STA 680, WL 190 using existing clamp. (IPC Ch. 38-31-55-03 refers)	
D2.4	See flush line and cable installation drawing 417N8551-4. Cap off flush line P/N 10-60871-359 (ALT P/N 41202-359) by installing plug P/N MS21913J12. Flush line and control cable to be stowed behind sidewall. (IPC Ch. 38-32-51-04 refers)	
D2.5	On the outside of the aircraft locate the lavatory flush access door.  VIEW ON LAVATORY WASTE ACCESS DOOR Stencil the above text on the door panel using red/black paint. Characters shall be 1.0" min height.	
D2.6	Intentionally left blank.	

MODIFICATION EMBODIMENT INSTRUCTIONS

D3. ACCOMPLISHMENT INSTRUCTIONS MECHANICAL INSTALLATIONS		
	MECH SIG.	INSP STAMP
<p>D3.0 Ref DRG 0169-252-757:</p> <p>Install window type W20 P/N or similar at STA 650.45 L/H per drawing and 757 M. Manual.</p> <p>NOTE: Install with new seal P/N 65-76765-8</p>		
<p>D3.1 Ref DRG 0165-252-757: Install overhead stowage compartment support structure as follows:</p> <p>STA 680 Lower: Install intercostal P/N 412N2021-15 with attaching bracketry and turnbuckle assembly P/N 65-80898-49 at STA 680 L/H. [Boeing drawing 412N2200 sheet 45, Detail 5 refers]</p> <p>STA 680 Upper: Install mounting assembly P/N 412N2001-18 and P/N 412N2001-20 at STA 680 L/H with attaching bracketry and turn buckle assemblies 65-80898-35 and 65-80898-41 at STA 680 L/H. [Boeing drawing 412N2200 sheet 54, Detail 3 refers]</p> <p>STA 620 Lower: Install mounting assembly P/N 412N2001-1 and turnbuckle assembly P/N 65-80898-24 at STA 620 L/H. [Boeing drawing 412N2200 sheet 44, Detail 1 refers]</p> <p>STA 620 Upper: Install mounting assembly P/N 412N2001-11 and P/N 412N2001-6 with turnbuckles P/N 65-80898-37 and P/N 65-80898-31 at STA 620. [Boeing drawing 412N2200 sheet 54, Detail 4 refers]</p> <p>Diagonal Support: Install turnbuckle assembly P/N 412N2030-25 between STA 640/S-6L and STA 624.4. [Boeing drawing 412N2200 sheet 51, detail 2 refers]</p>		
<p>D3.2 Ref DRG 0165-252-757: Install overhead stowage compartments STA 560 – STA 680 L.H P/N 0166-252-757-003 (ALT P/N 412N1270-623) and P/N 0166-252-757-001 (ALT P/N 412N1270-625) per reference drawing. Utilise parts salvaged in earlier bin removal where possible.</p> <p>NOTE: Install load limit placards P/N BAC29PPS2719 (TBC) on inside surface of stowage compartment doors.</p>		

MODIFICATION EMBODIMENT INSTRUCTIONS

D3. ACCOMPLISHMENT INSTRUCTIONS														
MECHANICAL INSTALLATIONS														
	MECH SIG.	INSP STAMP												
<p>D3.3 Ref Boeing Installation 412N1007-303 (Picture Sheet 4,11)</p> <p>Install the following parts IAW ref DRG to facilitate installation of A/C extrusion:.</p> <table> <tr> <td>412N2004-59</td><td>x1</td><td>Bracket Assy</td></tr> <tr> <td>412N2021-29</td><td>x1</td><td>Intercostal Assy</td></tr> <tr> <td>65C27021-357</td><td>x1</td><td>Bracket Assy</td></tr> <tr> <td>BACF3F009X028NN</td><td>x1</td><td>Filler</td></tr> </table>	412N2004-59	x1	Bracket Assy	412N2021-29	x1	Intercostal Assy	65C27021-357	x1	Bracket Assy	BACF3F009X028NN	x1	Filler		
412N2004-59	x1	Bracket Assy												
412N2021-29	x1	Intercostal Assy												
65C27021-357	x1	Bracket Assy												
BACF3F009X028NN	x1	Filler												
<p>D3.4 Install A/C outlet assembly P/N 412N3103-1189 STA 565- STA 679.60 per drawing 412N3001-1000 installation on sheet 5.</p> <p>NOTE: Outlet assembly P/N 412N3103-47 is optional to P/N 412N3103-1189. Retain all existing attaching fasteners and end caps fixings.</p>														
D3.5 Intentionally left blank.														
D3.6 Intentionally left blank.														
D3.7 Install sidewall lighting L/H STA 640 - STA 677.5 per installation drawing 417N5008-89 sheet 54. Utilise parts salvaged in section 2.1.														
<p>D3.8 Ref DRG 0168-252-757:</p> <p>Install sidewall lining at door 2, L/H forward side per drawing as shown. Utilise assist handle and attaching parts salvaged in section 2.1. Note: Rework is only necessary forward of the door centreline (STA 710). Retain all panels as existing aft of STA 710.</p>														
<p>D3.9 Ref DRG 0167-252-757:</p> <p>Install over door panel assembly 0167-252-757-001 (ALT P/N 412N1250-52) and end cap P/N 412N1247-35 at Door 2 L/H per drawing 412N1102-201 installation on Sheet 72.</p> <p>NOTE: Install Bezel P/N S417N502-6 into end cap per drawing 417N5100, Sheet 19.</p>														

MODIFICATION EMBODIMENT INSTRUCTIONS

D3. ACCOMPLISHMENT INSTRUCTIONS MECHANICAL INSTALLATIONS		
	MECH SIG.	INSP STAMP
<p>D3.10 Ref DRG 0181-252-757</p> <p>Modify existing ceiling panel assembly P/N 411N3110-63 as follows:-</p> <p>Delete seal assembly P/N 411N3120-25 and clips P/N 411N3141-166.</p> <p>Repair / Make good corner of ceiling panel per 757 SRM standard practices in order to provide a suitable mounting interface for the hinge assembly.</p> <p>Install hinge assemblies P/N 411N3134-3 as shown on drawing 411N3110 Sheet 19.</p> <p>Part mark panel as AES "P/N -0181-255-757-019" modified by AES Modification Number AES-757-050 PT G."</p>		
<p>D3.11 Ref DRG 0181-252-757:</p> <p>Install sculptured ceiling panels (P/N 411N3110-44) STA 620 – STA 680 L/H as shown on drawing.</p> <p>Produce a cut-out for the centreline monitor in the panel using the existing panel (411N3266-90) as a template. Transfer the existing seal from the now deleted panel and affix to the replacement panel.</p> <p>Utilise modified panel P/N 411N3110-63-M at STA 680 –740 L/H.</p>		
<p>D3.12 Ref DRG 0168-252-757</p> <p>Install sidewall panels (P/N 411N1210-332) and carpet risers (P/N 411N1178-1187 (ALT P/N 411N1178-1018 or ALT P/N 411N1178-1013) STA 600.45 – STA 680.45 L/H per reference drawing.</p>		
<p>D3.13 Ref DRG 0179-252-757</p> <p>Remove the existing bull nose Emergency Light installed at approx STA 640. Produce a cut-out in the existing bull nose on the modified overhead stowage compartments with the size to match the standard existing cut-outs. Install the emergency light in its new location and re-route the wiring to connect up to the light as previous.</p>		
<p>D3.14 Intentionally left blank.</p>		
<p>D3.15 Ref DRG 0182-534-757</p> <p>Modify existing floor panel 143N5533-1 to achieve Floor Panel Assy P/N 0182-534-757-003 per ref DRG.</p>		
<p>D3.16 Ref DRG 0182-534-757</p> <p>Manufacture Floor Panel P/N 0182-534-757-011 per ref DRG.</p>		

MODIFICATION EMBODIMENT INSTRUCTIONS

D3. ACCOMPLISHMENT INSTRUCTIONS MECHANICAL INSTALLATIONS		
	MECH SIG.	INSP STAMP
D3.17 Ref DRG 0182-534-757 Manufacture Floor Panel P/N 0182-534-757-013 per ref DRG.		
D3.17 Ref DRG 0182-534-757 Manufacture Floor Panel P/N 0182-534-757-017 per ref DRG.		
D3.18 Ref DRG 0182-534-757 Install floor panels in area local to Lavatory 'S' location per ref DRG.		
D3.19 Ref DRG 0179-252-757 Reposition the door 2 Entryway light switch as shown on reference drawing.		
D3.20 Intentionally left blank.		
D3.21 Intentionally left blank.		
D3.22 Intentionally left blank.		
D3.23 Intentionally left blank.		
D3.24 Intentionally left blank.		
D3.25 Ref DRG 0164-534-757 Install seat track P/N 0164-534-757-013 at LBL 24.75 as shown.		
D3.26 Ref DRG 0164-534-757 Install seat track P/N 0164-534-757-013 at LBL 45.5 as shown.		
D3.27 Intentionally left blank.		
END		

MODIFICATION EMBODIMENT INSTRUCTIONS

D4. ACCOMPLISHMENT INSTRUCTIONS		
ELECTRICAL INSTL'NS		
THIS SECTION DETAILS THE ELECTRICAL OPERATIONS REQUIRED AND SHOULD BE READ IN CONJUNCTION WITH PREVIOUS SECTIONS OF THIS MEI. SOME OPERATIONS CAN ONLY BE COMPLETED FOLLOWING ACTIONS IN THE PREVIOUS SECTIONS OF THIS MEI.		MECH SIG.
		INSP STAMP
D4.0	If not already accomplished remove aircraft power IAW AMM 24-22-00 p.block 201.	
D4.1	AES Ref Dwg 0171-245-757: Gain access to the Flight deck P11-3 overhead circuit breaker panel Locate circuit breaker C3043 – LAV FLUSH MOTORS S. Safety collar circuit breaker and label 'INOP'	
D4.2	AES Ref Dwg 0172-245-757: Gain access to P70 – MISC ELEC EQUIP PANEL and locate circuit breaker C4341 – LAV WTR HTR S. Safety collar and label 'INOP'	
D4.3	AES Ref Dwg 0175-332-757: In conjunction with the Lavatory 'S' module removal operation (section D1.2/D1.3), locate existing connector D5690 connecting the Lavatory 'S' module. Disconnect plug and install suitable dust cap to fixed receptacle. Locate LAVATORY THRESHOLD LIGHT module L586. Disconnect, cap and stow wire number W3572-0018-20 from terminal =P and wire W3572-0019-20 from terminal =G IAW SWPM D6-54446.	
D4.4	AES Ref Dwg 0174-332-757 & 0179-252-757: In conjunction with Lavatory 'S' module removal operation, locate and remove P23 ATTENDANT PANEL. Retain for re-installation. Complete bin end cap installation IAW section D3 of this MEI and install switch assembly and retained connectors IAW AES drawing 0179-252-757. Install and splice new wires IAW AES drawing 0174-332-757 from new ENTRY LIGHT module (P/N S417W502-1) located on underside of bin end cap assembly, to existing wire W3376-0024-22. Carry out continuity and resistance checks on new wiring.	
D4.5	AES Ref Dwg 0179-252-757: In conjunction with Lavatory 'S' module removal operation, locate and remove L536 MID-FWD PASS NS/FSB SIGN from rear face of Lav S. Re-route and install in the bin end cap IAW AES dwg 0179-252-757. Re-route existing cabling accordingly.	
D4.6	AES Ref Dwg 0179-252-757: In conjunction with Lavatory 'S' module removal operation and installation of new OHSC, locate and retain existing emergency aisle light L1065 (STA 650, WL 273, LBL30) for repositioning. Reposition aisle light IAW AES dwg 0179-252-757. Route existing wiring accordingly.	
D4.7	Intentionally left blank.	

MODIFICATION EMBODIMENT INSTRUCTIONS

D4. ACCOMPLISHMENT INSTRUCTIONS		
ELECTRICAL INSTL'NS		
THIS SECTION DETAILS THE ELECTRICAL OPERATIONS REQUIRED AND SHOULD BE READ IN CONJUNCTION WITH PREVIOUS SECTIONS OF THIS MEI. SOME OPERATIONS CAN ONLY BE COMPLETED FOLLOWING ACTIONS IN THE PREVIOUS SECTIONS OF THIS MEI.		MECH SIG.
		INSP STAMP
D4.8	Intentionally left blank.	
D4.9	Intentionally left blank.	
END		

MODIFICATION EMBODIMENT INSTRUCTIONS

D5. ACCOMPLISHMENT INSTRUCTIONS		
TESTING		
	MECH SIG.	INSP STAMP
D5.1	Apply aircraft ground power IAW AMM 24-22-00 p.block 201.	
D5.2	Carry out an operational test of the entry lights @ STA 684 & 737 IAW AMM 33-22-00 p.block 501. Verify that the entry lights FWD and AFT of Door 2L illuminate.	
D5.3	Carry out an operational test of the NO SMOKING/FSB signs IAW AMM 33-24-00 p.block 201. Verify that the relocated sign FWD of Door 2L illuminates.	
D5.4	Carry out an operational test of the relocated aisle light @ STA 650 IAW AMM 33-51-00 p.block 501. Verify under bin aisle light FWD of door 2L illuminates.	
D5.5	Remove aircraft power if not required IAW AMM 24-22-00 p.block 201.	
END		

MODIFICATION EMBODIMENT INSTRUCTIONS

E. DOCUMENTS REQUIRED:

THE FOLLOWING DOCUMENTS ARE REQUIRED FOR EMBODIMENT OF MODIFICATION AES-757-050 PART G.

THE FOLLOWING AES DRAWINGS ARE REQUIRED:

DRAWING No	ISSUE	TITLE
0164-534-757	1	SEAT TRACK INSTL'N (STA 641.85-644.4)
0165-252-757	1	OVERHEAD BIN INSTL'N (ADJ DOOR 2LHS)
0166-252-757	2	MOD'N TO OVERHEAD STOWAGE
0167-252-757	1	PANEL ASSY REWORK No 2 DOORWAY LHS
0168-252-757	1	SIDEWALL LINING INSTALLATION
0169-252-757	1	WINDOW INSTALLATION
0170-252-757	1	OVERHEAD BIN MODIFICATION KIT
0171-245-757	1	W/D: 115V AC BUS LEFT SECTION 3
0172-245-757	1	W/D: 115VAC UTILITY BUS – LEFT
0174-332-757	1	W/D: ENTRY AND ATTENDANTS LIGHTS – MID FWD
0175-332-757	1	W/D: LAVATORY THRESHOLD LIGHTS
0179-252-757	2	MISC LIGHT & SWITCH INSTL'N
0181-252-757	1	CEILING PANEL INSTALATION
0182-534-757	1	FLOOR PANEL INSTALLATION

THE FOLLOWING ADDITIONAL DOCUMENTS ARE REQUIRED FOR REFERENCE ONLY:

DOCUMENT No	ISSUE	TITLE
N/A	N/A	N/A

MODIFICATION EMBODIMENT INSTRUCTIONS

F. SPECIAL TOOLS REQUIRED:

LIST OF SPECIALIST TOOLING REQUIRED TO EMBODY THESE INSTRUCTIONS.

<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>VENDOR</u>	<u>COMMENTS</u>
NO SPECIAL TOOLS REQUIRED			

G. ESTIMATED TIME REQUIRED:

The equipment removal / installation shall be carried out in conjunction with an aircraft maintenance check. It is estimated that the emergency equipment installation will require approximately 250 hours (not including curing time for adhesives/fillers)

MODIFICATION EMBODIMENT INSTRUCTIONS

H. PARTS LIST (MOD. NUMBER : AES-757-050 PART G, LAV S DELETION)

LINE ITEM NO.	ACTION (ADD/ DELETE/ REWORK)	PART NUMBER COMMENT	QTY	DESCRIPTION	USED ON PART / WIRE BUNDLE	VENDOR / REMARKS	BATCH No (ENGINEER TO COMPLETE)	SERIAL No (ENGINEER TO COMPLETE)	INTRO./ CHANGE D AT ISSUE
1	DEL	TBA	1	LAV S MODULE					1
2	ADD	320559	1	SPLICE -RED	0174-332-757				1
3	ADD	BACT12AC3	1	RING TERMINAL	0174-332-757				1
4	ADD	BMS13-60T01C01G022	12FT	WIRE SINGLE CORE 22AWG	0174-332-757	CODE GA			1
5	ADD	BMS13-60T01C01G020	10FT	WIRE SINGLE CORE 20AWG	0174-332-757	CODE GA			1
6	---	---							1
7	---	---							1
8	---	---							1
9	---	---							
10	ADD	411N3110-44	1	CEILING PANEL ASSY	0181-252-757				1
11	ADD	411N3134-3	1	HINGE ASSY	0181-252-757				1
12	---								1
13	---								1
14	ADD	411N1210-332 ALT 65C33662-72	1	WINDOW PANEL (640.45- 680.45)	0168-252-757				1
15	ADD	411N1102-32	1	TRIM STRIP (STA 680.45)	0168-252-757				1

MODIFICATION EMBODIMENT INSTRUCTIONS

H. PARTS LIST (MOD. NUMBER : AES-757-050 PART G, LAV S DELETION)

LINE ITEM NO.	ACTION (ADD/DELETE/REWORK)	PART NUMBER COMMENT	QTY	DESCRIPTION	USED ON PART / WIRE BUNDLE	VENDOR / REMARKS	BATCH No (ENGINEER TO COMPLETE)	SERIAL No (ENGINEER TO COMPLETE)	INTRO./ CHANGE D AT ISSUE
16	ADD	411N1178-1187 ALT P/N 1 x 411N1187-1018 + 1 x 411N1187-1013	1	CARPET RISER (640.45-680.45)	0168-252-757				1
17	ADD	411N1301-369	1	BRACKET	0168-252-757				1
18	ADD	411N1301-371	1	ANGLE	0168-252-757				1
19	ADD	411N1301-639	1	ISOLATOR	0168-252-757				1
20	ADD	411N1301-641	1	ISOLATOR	0168-252-757				1
21	ADD	411N1301-747	1	ISOLATOR ASSY	0168-252-757				1
22	ADD	411N1301-749	1	ISOLATOR ASSY	0168-252-757				1
23	ADD	411N1301-760	1	ISOLATOR ASSY	0168-252-757				1
24	---								
25	ADD	411N2333-334	1	PANEL ASSY	0168-252-757				1
26	ADD	411N2056-1	1	GAP FILLER	0168-252-757				1
27	ADD	411N2018-1	1	BRACKET ASSY	0168-252-757				1
28	REWORK	411N2333-52	1	PANEL ASSY	0168-252-757				1
29	ADD	BACS12FA3K12	4	SCREW	0168-252-757				1
30	ADD	NAS1149D0363J	4	WASHER	0168-252-757				1
31	ADD	BACW10P43AL	2	WASHER					1

MODIFICATION EMBODIMENT INSTRUCTIONS

H. PARTS LIST (MOD. NUMBER : AES-757-050 PART G, LAV S DELETION)									
LINE ITEM NO.	ACTION (ADD/DELETE/REWORK)	PART NUMBER COMMENT	QTY	DESCRIPTION	USED ON PART / WIRE BUNDLE	VENDOR / REMARKS	BATCH No (ENGINEER TO COMPLETE)	SERIAL No (ENGINEER TO COMPLETE)	INTRO./CHANGE D AT ISSUE
32	ADD	NAS603-5P	2	SCREW					1
33	DEL	TYPE P15	1	WINDOW PLUG	0169-252-757				1
34	ADD	140N2139-1	1	WINDOW	0169-252-757				1
35	ADD	65-76765-8	1	SEAL	0169-252-757				1
36	---	---	---	---					
37	ADD	0164-534-757-013	2	SEAT TRACK	0164-534-757				1
38	ADD	0164-534-757-015	1	ANGLE	0164-534-757				1
39	ADD	0164-534-757-019	4	REPAIR STRAP	0164-534-757				1
40	ADD	140N2502-5	4	FILLER	0164-534-757				1
41	---	---	---	---					
42	ADD	412N3103-1189 ALT 412N3103-47	1	A/C INSTALLATION	412N3103-1189				1
43	---	---	---	---					
44	---	---	---	---					
45	REWORK	0179-252-757-011	1	PLATE MAKE FROM 417N6004-XX	0179-252-757				1
46	ADD	NAS1836-3-10	3	INSERT	0179-252-757				2
47	ADD	ARALDITE 420A/B	1	ADHESIVE	0179-252-757				1

MODIFICATION EMBODIMENT INSTRUCTIONS

H. PARTS LIST (MOD. NUMBER : AES-757-050 PART G, LAV S DELETION)

LINE ITEM NO.	ACTION (ADD/ DELETE/ REWORK)	PART NUMBER COMMENT	QTY	DESCRIPTION	USED ON PART / WIRE BUNDLE	VENDOR / REMARKS	BATCH No (ENGINEER TO COMPLETE)	SERIAL No (ENGINEER TO COMPLETE)	INTRO./ CHANGE D AT ISSUE
48	ADD	NAS603-5	3	SCREW	0179-252-757				2
49	ADD	NAS1149D0315J	3	WASHER	0179-252-757				2
50	ADD	0179-252-757-021	1	DECAL	LOCALL MANUF.				1
51	ADD	ARALDITE 255	1	FILLER	0179-252-757				1
52	---	---	---	---					
53	ADD	411N3110-44	1	CEILING PANEL	0181-252-757				1
54	REWORK	411N3110-63	1	CEILING PANEL (DOOR 2)	0181-252-757				1
55	ADD	411N3134-3	1	HINGE ASSY	0181-252-757				1
56	---	---	---	---					
57	---	---	---	---					
58	DEL	NAS1761J0606	1	ELBOW	IPC 38-11-05-01A				1
59	ADD	BACC14AD06JL	1	CAP					1
60	DEL	417N2310-63	1	TUBE	IPC 38-31-54-03				1
61	ADD	69B50212-1	1	CAP					1
62	ADD	BACC14AD06JL	1	CAP					1
63	DEL	417N8501-49	1	ADAPTOR ASSY	IPC 38-31-55-03				1
64	DEL	IT4986-18 ALT S417N802-18	1	CONNECTOR	IPC 38-31-55-03				1

MODIFICATION EMBODIMENT INSTRUCTIONS

H. PARTS LIST (MOD. NUMBER : AES-757-050 PART G, LAV S DELETION)									
LINE ITEM NO.	ACTION (ADD/ DELETE/ REWORK)	PART NUMBER COMMENT	QTY	DESCRIPTION	USED ON PART / WIRE BUNDLE	VENDOR / REMARKS	BATCH No (ENGINEER TO COMPLETE)	SERIAL No (ENGINEER TO COMPLETE)	INTRO./ CHANGE D AT ISSUE
65	ADD	S417N802-18	1	CAP					1
66	ADD	MS21913J12	1	CAP					1
67	---	---	---	---					
68	ADD	BMS4-17 TYPE II, GR. A OR B	3	FLOOR PANEL	0182-534-757				1
69	ADD	SLP5182A3-1	74	PLUG	0182-534-757				1
70	ADD	SLP5182A3-400-2	70	SLEEVE	0182-534-757				1
71	ADD	SLP5182A3-300-2	4	SLEEVE	0182-534-757				1
72	ADD	BACN11K1	A/R	CLIP ON NUT					1
73	ADD	BACS12GP3K15 ALT BACS12GP3L15	A/R	SCREW	0182-534-757				1
74	ADD	BACS12GR3T20 ALT BACS12GR3L20	A/R	SCREW	0182-534-757				1
75	ADD	RTV326	A/R	1/16" THK ROLLERTAPE	0182-534-757				1
76	ADD	RTV326	A/R	1/8" THK ROLLERTAPE	0182-534-757				1
77	ADD	BMS5-95	1/R	SEALANT	0182-534-757				1
78	ADD	ARALDITE 252	A/R	FILLER	0182-534-757				1
79	ADD	ARALDITE 420A/B	A/R	ADHESIVE	0182-534-757				1
80	DEL	57-53-0099-001	1	FLOOR PANEL	HW AERO. DRG				1

MODIFICATION EMBODIMENT INSTRUCTIONS

H. PARTS LIST (MOD. NUMBER : AES-757-050 PART G, LAV S DELETION)									
LINE ITEM NO.	ACTION (ADD/ DELETE/ REWORK)	PART NUMBER COMMENT	QTY	DESCRIPTION	USED ON PART / WIRE BUNDLE	VENDOR / REMARKS	BATCH No (ENGINEER TO COMPLETE)	SERIAL No (ENGINEER TO COMPLETE)	INTRO./ CHANGE D AT ISSUE
81	ADD	0166-252-757-001	1	O/HEAD BIN ASSY, STA 560-620	0165-252-757				1
82	ADD	0166-252-757-003	1	O/HEAD BIN ASSY, STA 620-680	0165-252-757				1
83	ADD	412N1247-35	1	ENDCAP ASSY	0165-252-757				1
84	ADD	0167-252-757-001	1	MODIFIED OVERDOOR ASU MOUNTING	0165-252-757				1
85	ADD	MS21042L5	1	NUT	0165-252-757				1
86	ADD	NAS1149D0516J	1	WASHER	0165-252-757				1
87	ADD	412N2030-25	1	TIE-ROD ASSY	0165-252-757				1
88	ADD	412N2001-11	1	MOUNTING ASSY	0165-252-757				1
89	ADD	412N2001-6	1	MOUNTING ASSY	0165-252-757				1
90	ADD	65-80898-37	1	TURNBUCKLE ASSY	0165-252-757				1
91	ADD	65-80898-31	1	TURNBUCKLE ASSY	0165-252-757				1
92	ADD	412N2001-18	1	MOUNTING ASSY	0165-252-757				1
92	ADD	412N2001-20	1	MOUNTING ASSY	0165-252-757				1
93	ADD	65-80898-35	1	TURNBUCKLE ASSY	0165-252-757				1
94	ADD	65-80898-41	1	TURNBUCKLE ASSY	0165-252-757				1
95	ADD	MS21042L3	1	NUT	0165-252-757				1

MODIFICATION EMBODIMENT INSTRUCTIONS

H. PARTS LIST (MOD. NUMBER : AES-757-050 PART G, LAV S DELETION)

LINE ITEM NO.	ACTION (ADD/ DELETE/ REWORK)	PART NUMBER COMMENT	QTY	DESCRIPTION	USED ON PART / WIRE BUNDLE	VENDOR / REMARKS	BATCH No (ENGINEER TO COMPLETE)	SERIAL No (ENGINEER TO COMPLETE)	INTRO./ CHANGE D AT ISSUE
96	ADD	NAS1149D0332J	1	WASHER	0165-252-757				1
97	ADD	NAS1149D0416J	8	WASHER	0165-252-757				1
98	ADD	BACB30PF4-10	1	BOLT	0165-252-757				1
99	ADD	412N2021-15	1	INTERCOSTAL	0165-252-757				1
100	ADD	412N2003-29	1	BRACKET	0165-252-757				1
101	ADD	65-80898-49	1	TURNBUCKLE ASSY	0165-252-757				1
102	ADD	412N2001-39	1	MOUNTING ASSY	0165-252-757				1
103	ADD	BACB30NR4K6	5	BOLT	0165-252-757				1
104	ADD	65-80898-24	1	TURNBUCKLE ASSY	0165-252-757				1
105	ADD	412N2001-1	1	MOUNTING ASSY	0165-252-757				1
106	---	---	---	---					
107	---	---	---	---					
108	ADD	412N2004-59	1	BRACKET ASSY	412N1007-303				1
109	ADD	412N2021-29	1	INTERCOSTAL ASSY	412N1007-303				1
110	ADD	65C27021-357	1	BRACKET ASSY	412N1007-303				1
111	ADD	BACF3F009X028NN	1	FILLER	412N1007-303				1
112	---								

MODIFICATION EMBODIMENT INSTRUCTIONS

H. PARTS LIST (MOD. NUMBER : AES-757-050 PART G, LAV S DELETION)									
LINE ITEM NO.	ACTION (ADD/ DELETE/ REWORK)	PART NUMBER COMMENT	QTY	DESCRIPTION	USED ON PART / WIRE BUNDLE	VENDOR / REMARKS	BATCH No (ENGINEER TO COMPLETE)	SERIAL No (ENGINEER TO COMPLETE)	INTRO./ CHANGE D AT ISSUE
113	ADD	S417N511-3	2	LIGHT ASSEMBLY	412N5008-89	SHT 54			1
114	ADD	S417N11-125	1	LENS ASSEMBLY	412N5008-89	SHT 54			1
115	ADD	S417N11-40	1	LENS ASSEMBLY	412N5008-89	SHT 54			1
116	ADD	65C33289-10	1	LENS RETAINER	412N5008-89	SHT 54	UTILISE EXISTING P/N -1 IN STOCK		1
117	ADD	65C33289-7	1	LENS RETAINER	412N5008-89	SHT 54			1
118	ADD	417N5107-1	1	GROMMET	412N5008-89	SHT 54			1
119	ADD	BACS38K1	5	TIE WRAP	412N5008-89	SHT 54			1
120	ADD	BACS12GU3K6	5	SCREW	412N5008-89	SHT 54			1
121	ADD	NAS1149D0316J	5	WASHER	412N5008-89	SHT 54			1
122	ADD	NAS1149D0363J	5	WASHER	412N5008-89	SHT 54			1
123	ADD	BACS12ER3K10	2	SCREW	412N5008-89	SHT 54			1
124	ADD	5106/WW	2	TUBE, FLUORESCENT	412N5008-89	SHT 54			1

MODIFICATION EMBODIMENT INSTRUCTIONS

J. MEI - REPORT SHEET.

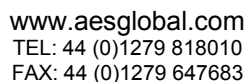
THE MEI REPORT SHEET IS PROVIDED FOR THE PURPOSE OF COMMUNICATING TO AES DESIGN OFFICE ANY IMPROVEMENTS / SUGGESTIONS ARISING FROM THE EMBODIMENT OF THE MODIFICATION.

REPORT SHEET	MEI No: MEI-043 MOD No: AES-757-050 G
AIRCRAFT TYPE:	
REGISTRATION AND SERIAL NUMBER:	
LOCATION:	
COMMENTS:	
PREPARED BY / DATE: _____	

MODIFICATION EMBODIMENT INSTRUCTIONS

APPENDIX A:- Serviceable Items Record Sheet (Photocopy additional sheets as reqd)

[illegible]



AES Limited
28 Golds Nurseries Business Park
Elsenham
Essex
CM22 6JX

MEI-043

ISSUE 2, 29/04/02

Page 27 of 27

<h1>QUERY NOTE</h1>		AES REF No:. QN-AES-.....-.....-..... (COMPLETED BY AES STAFF ONLY)
AIRCRAFT TYPE:.....	APPLICANTS NAME:.....	
REGISTRATION:.....	DATE:.....	
LOCATION:.....	APPLICANTS FAX No:.....	
DRAWING (S) / P/N AFFECTED:	APPLICANTS TEL No:.....	
GIVE FULL DETAILS, INCLUDE OR ATTACH RELEVANT SKETCHES		

DESIGN RESPONSE TO QUERY NOTE	
DRAWING (S) TO BE AMENDED YES / NO	DATE AMENDED:
(AEROSPACE ENGINEERING SOLUTIONS LIMITED DESIGN OFFICE USE ONLY)	
COMPILED BY:	APPROVED BY:

MODIFICATION EMBODIMENT INSTRUCTIONS

A. TITLE PAGE

TITLE: INTRODUCTION OF EMERGENCY EQUIPMENT

DATE COMPILED: 17.04.02

MODIFICATION NO.: AES-757-050 PART D

PROJECT NO.: PN 0056

EFFECTIVITY:

A/C TYPE	REGISTRATION	SERIAL NO.
757-2YO	G-CPEP	25268

This document is issued for production engineering purposes.

The definitive design requirements are shown in mod AES-757-050, the contents of which override information contained in this MEI.

Differences resulting from existing repairs, variation in build standard or corrosion to be reported to AES Ltd Design Department.

Manufacturing processes and inspection and installation procedures are the responsibility of Air 2000 Limited.

ISSUE	1	2	3	4	5	6
DRN:	0088	0103				
DATE	APR 2002	APR 2002				
COMPILED BY:	A DOLBY	A DOLBY				
CHECKED BY:	L M D	L M D				
DESIGN APP:	A M D	A M D				

MODIFICATION EMBODIMENT INSTRUCTIONS

B. REVISION DETAILS:

WRITE BELOW A BRIEF SUMMARY OF THE CHANGES WHICH HAVE BEEN INTRODUCED AT THE STATED REVISION:

ISSUE	DESCRIPTION
1	NEW ISSUE
2	SMOKEHOOD AT DOOR 2 REPOSITIONED

MODIFICATION EMBODIMENT INSTRUCTIONS

C. CONTENTS:

SEC.	DESCRIPTION	PAGE No
A.	TITLE PAGE	1
B.	REVISION STATUS	2
C.	CONTENTS	3
D1.	ACCOMPLISHMENT INSTRUCTIONS – REMOVAL	4
D2.	ACCOMPLISHMENT INSTRUCTIONS – EQUIPMENT INSTL'N	8
E.	DRAWINGS & DOCUMENTS REQUIRED	17
F.	SPECIAL TOOLS REQUIRED	18
G.	ESTIMATED TIME REQUIRED	18
H.	PARTS REQUIRED	19
J.	REPORT SHEET	21
	APPENDIX A – SERVICEABLE ITEM SHEET	22
	QUERY NOTE BLANK	23

MODIFICATION EMBODIMENT INSTRUCTIONS

D1. ACCOMPLISHMENT INSTRUCTIONS – SECTION D2 REMOVAL OF EXISTING EMERGENCY EQUIPMENT (G-CPEP)		
	MECH SIG.	INSP STAMP
D1.0	Carry out all procedures in accordance with the relevant sections of the Airplane Maintenance Manual (AMM)	
D1.1	FLIGHT DECK: Delete 1 x DME Torch from RH Bulkhead (& Retain) Delete 1 x DME Torch from LH Bulkhead (& Retain) Delete 1 X Fire Extinguisher from LH Bulkhead	
D1.2	BELOW CABIN ATTENDANT SEAT DR 1L: Delete 2 x Fire Gloves and retain Delete 2 x Crew Life vest	
D1.3	FWD FACE 1R BULKHEAD: Delete 1 x Equipment Box. Retain Smoke-hood and associated attaching parts. Delete 1 x load hailer and retain Delete 2 x Smoke-hood & retain Delete 2 x Portable O2 Delete 1 x Water Fire Extinguisher Delete 1 x Fire Extinguisher Delete 1 x Demo Life vest Delete 1 x Demo Oxygen Mask Delete 3 x Child Masks Delete 3 x Disposable Masks	
D1.4	1st OVERHEAD STOWAGE RH (STA 407-440): Delete 3 x Spare Life vest Delete 4 x Infant Life preserver Delete 4 x Infant Life vest	
D1.5	OVERHEAD STOWAGE LH (STA 440-500): Delete 1 x Medical Kit	

MODIFICATION EMBODIMENT INSTRUCTIONS

D1. ACCOMPLISHMENT INSTRUCTIONS – SECTION D2 REMOVAL OF EXISTING EMERGENCY EQUIPMENT (G-CPEP)		
	MECH SIG.	INSP STAMP
D1.6 CLOSET ASSY FWD LH: Delete 1 x First Aid Kit		
D1.7 2R DOUBLE CABIN ATTENDANT SEAT RH : Delete 2 x Fire Gloves and retain Delete 2 x Crew Life vest		
D1.8 LAVATORY S (Now Deleted): Delete 1 x Megaphone & retain Delete 2 x Smoke hoods & retain Delete 1 x BCF Fire Extinguisher Delete 1 x Water Fire Extinguisher Delete 3 Portable Oxygen Bottles		
D1.9 OVERHEAD STOWAGE LH (STA 620-640): Delete 2 x Demo Life vest Delete 2 x Demo Oxygen Mask		
D1.10 OVERHEAD STOWAGE LH (STA 740-800): Delete 1 x Survival Kit		
D1.11 OVERHEAD STOWAGE RH (STA 740-800): Delete 1 x Survival Kit		
D1.12 OVERHEAD STOWAGE RH (STA 740-800): Delete 1 x First Aid Kit		
D1.13 OVERHEAD STOWAGE LH (STA 1260-11279): Delete 4 x Infant Life vests		

MODIFICATION EMBODIMENT INSTRUCTIONS

D1. ACCOMPLISHMENT INSTRUCTIONS – SECTION D2 REMOVAL OF EXISTING EMERGENCY EQUIPMENT (G-CPEP)		
	MECH SIG.	INSP STAMP
D1.14 BELOW CABIN ATTENDANT SEAT DR 3R: Delete 1 x Fire Gloves & retain Delete 1 x Crew Life vest		
D1.15 AFT FACE LAV C (STA 1315): Delete 1 x Emergency Equipment Stowage Box Delete 1 x Fire Extinguisher Delete 1 x Portable Oxygen Bottle Delete 1 x Smoke-hood and retain Delete 1 x Demo Life vest Delete 1 x Demo Oxygen Mask Delete 3 x Child Masks Delete 3 x Disposable Masks		
D1.16 OVERHEAD STOWAGE RH (STA 1560-1620): Delete 4 x Junior Life vests Delete 3 x spare Life vests Delete 1 x ELT Delete 1 x First Aid Kit		
D1.17 AFT BULKHEAD RH (STA 1637): Delete 1 x Cabin Attendant seat (forward to ATZ Stores) Delete 1 x DME Torch & retain Delete 1 x Crew Lifevest Delete 1 x Fire gloves Delete 1 x Emergency Equipment Stowage Box Delete 3 x Disposable masks Delete 3 x Child Masks Delete 1 x BCF Fire Extinguisher Delete 1 x Megaphone & retain Delete 1 x Portable oxygen bottle Delete 1 x Smoke-hood & retain		

MODIFICATION EMBODIMENT INSTRUCTIONS

D1. ACCOMPLISHMENT INSTRUCTIONS – SECTION D2 REMOVAL OF EXISTING EMERGENCY EQUIPMENT (G-CPEP)		
	MECH SIG.	INSP STAMP
D1.18 AFT BULKHEAD LH (STA 1637): Delete 3 x BCF Fire extinguishers (FWD face) Delete 2 x Portable oxygen bottles (FWD face) [Retain 2 x Smoke hoods]		
D1.19 DBL CABIN ATTENDANT SEAT LH (STA 1637): Delete 2 x Fire gloves Delete 2 x Crew Life vest		
D1.20 Life Rafts: Delete 4 x life rafts from the centre ceiling stowage compartments 1 x Forward Cabin 1 x FWD Door 3 2 x FWD Door 4		
END		

MODIFICATION EMBODIMENT INSTRUCTIONS

D2. ACCOMPLISHMENT INSTRUCTIONS – SECTION D2 INSTALLATION OF EMERGENCY EQUIPMENT (G-CPEP)						MECH SIG.	INSP STAMP																																																							
D2.0	General Notes Each Oxygen Portable Oxygen Bottle shall have 1 x Disposable mask attached to the bottle plus 1 x additional mask attached to the side of the bottle.																																																													
D2.1	FLIGHT DECK: Refer to DRG 0162-256-757 Ensure the following equipment is fitted within the flight deck else Install as required: <table><tr><th>Description</th><th>Qty</th><th>P/N</th><th>Bracket</th><th>Placard P/N</th></tr><tr><td>Smokehood</td><td>2</td><td>E21080-10</td><td>E28183-04</td><td>A2000-319</td></tr><tr><td>Crash Axe</td><td>1</td><td>433</td><td>TBA</td><td>A2000-251</td></tr><tr><td>DME Torch</td><td>2</td><td>P2-07-0001-212</td><td>N/A</td><td>A2000-161</td></tr><tr><td>Crew lifevest</td><td>4</td><td>00002264</td><td>N/A</td><td>A2000-XXX</td></tr><tr><td>Smoke Goggles</td><td>4</td><td>MXP210-00</td><td>N/A</td><td>N/A</td></tr><tr><td>ELT</td><td>1</td><td>500-12Y</td><td>A0861</td><td>A2000-250</td></tr><tr><td>Escape Rope</td><td>2</td><td>NPN</td><td>N/A</td><td>N/A</td></tr><tr><td>Crew O₂ Mask</td><td>4</td><td>MC10-08-107 (-109)</td><td>N/A</td><td>N/A</td></tr><tr><td>Fire Gloves</td><td>1</td><td>02626000</td><td>N/A</td><td>A2000-171</td></tr><tr><td>BCF Extinguisher</td><td>1</td><td>BA51015G3</td><td>BA50102-3</td><td>A2000-109</td></tr></table>					Description	Qty	P/N	Bracket	Placard P/N	Smokehood	2	E21080-10	E28183-04	A2000-319	Crash Axe	1	433	TBA	A2000-251	DME Torch	2	P2-07-0001-212	N/A	A2000-161	Crew lifevest	4	00002264	N/A	A2000-XXX	Smoke Goggles	4	MXP210-00	N/A	N/A	ELT	1	500-12Y	A0861	A2000-250	Escape Rope	2	NPN	N/A	N/A	Crew O ₂ Mask	4	MC10-08-107 (-109)	N/A	N/A	Fire Gloves	1	02626000	N/A	A2000-171	BCF Extinguisher	1	BA51015G3	BA50102-3	A2000-109		
Description	Qty	P/N	Bracket	Placard P/N																																																										
Smokehood	2	E21080-10	E28183-04	A2000-319																																																										
Crash Axe	1	433	TBA	A2000-251																																																										
DME Torch	2	P2-07-0001-212	N/A	A2000-161																																																										
Crew lifevest	4	00002264	N/A	A2000-XXX																																																										
Smoke Goggles	4	MXP210-00	N/A	N/A																																																										
ELT	1	500-12Y	A0861	A2000-250																																																										
Escape Rope	2	NPN	N/A	N/A																																																										
Crew O ₂ Mask	4	MC10-08-107 (-109)	N/A	N/A																																																										
Fire Gloves	1	02626000	N/A	A2000-171																																																										
BCF Extinguisher	1	BA51015G3	BA50102-3	A2000-109																																																										
D2.2	OPPOSITE ATTENDANT SEAT DR 1L: Refer to DRG 0162-256-757 Install the following Emergency Equipment opposite the CAS: <table><tr><th>Description</th><th>Qty</th><th>P/N</th><th>Bracket</th><th>Placard P/N</th></tr><tr><td>BCF Extinguisher</td><td>1</td><td>BA51015G3</td><td>BA50102-3</td><td>A2000-109</td></tr></table>					Description	Qty	P/N	Bracket	Placard P/N	BCF Extinguisher	1	BA51015G3	BA50102-3	A2000-109																																															
Description	Qty	P/N	Bracket	Placard P/N																																																										
BCF Extinguisher	1	BA51015G3	BA50102-3	A2000-109																																																										
D2.3	ABOVE CABIN ATTENDANT SEAT DR 1L: Refer to DRG 0162-256-757 Install the following Emergency Equipment above the CAS: <table><tr><th>Description</th><th>Qty</th><th>P/N</th><th>Bracket</th><th>Placard P/N</th></tr><tr><td>Smokehood</td><td>2</td><td>E21080</td><td>E28183-04</td><td>A2000-319</td></tr><tr><td>Loudhailer</td><td>1</td><td>ACR-EM-1A</td><td>65B53931-17</td><td>A2000-130</td></tr></table>					Description	Qty	P/N	Bracket	Placard P/N	Smokehood	2	E21080	E28183-04	A2000-319	Loudhailer	1	ACR-EM-1A	65B53931-17	A2000-130																																										
Description	Qty	P/N	Bracket	Placard P/N																																																										
Smokehood	2	E21080	E28183-04	A2000-319																																																										
Loudhailer	1	ACR-EM-1A	65B53931-17	A2000-130																																																										

MODIFICATION EMBODIMENT INSTRUCTIONS

D2. ACCOMPLISHMENT INSTRUCTIONS – SECTION D2 INSTALLATION OF EMERGENCY EQUIPMENT (G-CPEP)						
					MECH SIG.	INSP STAMP
D2.4	BELOW CABIN ATTENDANT SEAT DR 1L:		Refer to DRG 0162-256-757			
Install the following Emergency Equipment below the CAS:						
Description	Qty	P/N	Bracket	Placard P/N		
Crew life vest	2	00002264	N/A	A2000-XXX		
DME Torch	2	P2-07-0001-212	N/A	A2000-161		
D2.5	Intentionally left blank.					
D2.6	1st OVERHEAD STOWAGE RH (STA 407-440):		Refer to DRG 0162-256-757			
Install the following in the “small” stowage compartment:						
Description	Qty	P/N	Bracket	Placard P/N		
Portable O ₂	2	5500-B1A-23A	BACB20J1A	A2000-170		
			+ BACB20J3A			
First Aid Kit	1	AMMFAK1	Shelf	A2000-109		
Fire Gloves	1	02626000	1 x Bag	A2000-171		
Demo Kit	1	See Below	1 x Bag	A2000-175		
Each demo kit contains the following equipment:.						
1 x Demo Life Jacket P/N 40982002						
1 x Demo Seat Belt P/N 501848-417-1849						
1 x Demo Oxygen Mask P/N 289-701-27						
1 x Safety Card						
D2.7	2nd OVERHEAD STOWAGE RH (STA 407-440):		Refer to DRG 0162-256-757			
Install the following in the stowage mid section of the compartment:						
Description	Qty	P/N	Bracket	Placard P/N		
Portable O ₂	2	5500-B1A-23A	BACB20J1A	A2000-170		
			+ BACB20J3A			
Ext seat Belt	10	501848-417-1849	1 x Bag	A2000-172		

MODIFICATION EMBODIMENT INSTRUCTIONS

D2. ACCOMPLISHMENT INSTRUCTIONS – SECTION D2 INSTALLATION OF EMERGENCY EQUIPMENT (G-CPEP)								
						MECH SIG.	INSP STAMP	
D2.8	2nd OVERHEAD STOWAGE RH (STA 407-440): Refer to DRG 0162-256-757 Install the following in the stowage aft end of the compartment:							
	Description	Qty	P/N	Bracket	Placard P/N			
	Portable O ₂	2	5500-B1A-23A	BACB20J1A	A2000-170			
				+ BACB20J3A				
	Spare L/J	4	00002256	1 x Bag	A2000-313			
	Infant L/J	8	00002260	2 x Bag	A2000-314			
	Baby-cot	2	A346600A00	N/A	A2000-318			
D2.9	Intentionally left blank.							
D2.10	OVERHEAD STOWAGE RH (STA 670): Refer to DRG 0162-256-757 Install the following in the stowage compartment:							
	Description	Qty	P/N	Bracket	Placard P/N			
	Loudhailer	1	ACR-EM-1A	65B53931-17	A2000-130			
	BCF Extinguisher	2	BA51015G3	BA50102-3	A2000-109			
D2.11	Intentionally left blank.							
D2.12	FWD FACE OF CREW SEAT AT DOOR 2 RH: Refer to DRG 0162-256-757 Install the following in the stowage aft end of the compartment:							
	Description	Qty	P/N	Bracket	Placard P/N			
	Smoke-hood	1	E21080-10	E28183-04	A2000-319			
D2.13	2R DOUBLE CABIN ATTENDANT SEAT RH : Refer to DRG 0162-256-757 Install the following below the double CAS:							
	Description	Qty	P/N	Bracket	Placard P/N			
	Crew life vest	2	00002264	N/A	A2000-			
	DME Torch	3	P2-07-0001-212	N/A	A2000-161			
	Resuc. Mask	1	820003	57252A2120	A2000-237			
D2.14	Intentionally left blank.							
D2.15	Intentionally left blank.							

MODIFICATION EMBODIMENT INSTRUCTIONS

D2. ACCOMPLISHMENT INSTRUCTIONS – SECTION D2																											
INSTALLATION OF EMERGENCY EQUIPMENT (G-CPEP)																											
					MECH SIG.	INSP STAMP																					
D2.16	Intentionally left blank.																										
D2.17	OVERHEAD STOWAGE RH (STA 740-800): Refer to DRG 0162-256-757 Install the following in the mid section of the stowage compartment: <table><tr><th>Description</th><th>Qty</th><th>P/N</th><th>Bracket</th><th>Placard P/N</th></tr><tr><td>Portable O₂</td><td>2</td><td>5500-B1A-23A</td><td>BACB20J1A</td><td>A2000-170</td></tr><tr><td></td><td></td><td></td><td>+ BACB20J3A</td><td></td></tr><tr><td>First Aid Kit</td><td>1</td><td>AMMFAK1</td><td>67252A2904</td><td>A2000-109</td></tr></table>					Description	Qty	P/N	Bracket	Placard P/N	Portable O ₂	2	5500-B1A-23A	BACB20J1A	A2000-170				+ BACB20J3A		First Aid Kit	1	AMMFAK1	67252A2904	A2000-109		
Description	Qty	P/N	Bracket	Placard P/N																							
Portable O ₂	2	5500-B1A-23A	BACB20J1A	A2000-170																							
			+ BACB20J3A																								
First Aid Kit	1	AMMFAK1	67252A2904	A2000-109																							
D2.18	OVERHEAD STOWAGE RH (STA 740-800): Refer to DRG 0162-256-757 Install the following in the stowage aft section of the compartment: <table><tr><th>Description</th><th>Qty</th><th>P/N</th><th>Bracket</th><th>Placard P/N</th></tr><tr><td>Medi-Sling</td><td>2</td><td>MEDISLING</td><td>N/A</td><td>A2000-317</td></tr><tr><td>Insp. Mirror</td><td>2</td><td>A20046</td><td>1 x Bag</td><td>A2000-558</td></tr><tr><td>Demo Kit</td><td>1</td><td>See Below</td><td>1 x Bag</td><td>A2000-175</td></tr></table> Each demo kit contains the following equipment:. 1 x Demo Life Jacket P/N 40982002 1 x Demo Seat Belt P/N 501848-417-1849 1 x Demo Oxygen Mask P/N 289-701-27 1 x Safety Card					Description	Qty	P/N	Bracket	Placard P/N	Medi-Sling	2	MEDISLING	N/A	A2000-317	Insp. Mirror	2	A20046	1 x Bag	A2000-558	Demo Kit	1	See Below	1 x Bag	A2000-175		
Description	Qty	P/N	Bracket	Placard P/N																							
Medi-Sling	2	MEDISLING	N/A	A2000-317																							
Insp. Mirror	2	A20046	1 x Bag	A2000-558																							
Demo Kit	1	See Below	1 x Bag	A2000-175																							

MODIFICATION EMBODIMENT INSTRUCTIONS

D2. ACCOMPLISHMENT INSTRUCTIONS – SECTION D2						MECH SIG.	INSP STAMP																																						
INSTALLATION OF EMERGENCY EQUIPMENT (G-CPEP)																																													
D2.19	OVERHEAD STOWAGE RH (STA 1220-1260): Refer to DRG 0162-256-757 Install the following in the stowage aft section of the compartment: <table><tr><th>Description</th><th>Qty</th><th>P/N</th><th>Bracket</th><th>Placard P/N</th></tr><tr><td>Spare L/J</td><td>4</td><td>00002256</td><td>1 x Bag</td><td>A2000-313</td></tr><tr><td>Infant L/J</td><td>8</td><td>00002260</td><td>2 x Bag</td><td>A2000-314</td></tr><tr><td>Baby-cot</td><td>2</td><td>A346600A00</td><td>N/A</td><td>A2000-318</td></tr><tr><td>Ext seat Belt</td><td>10</td><td>501848-417-1849</td><td>1 x Bag</td><td>A2000-172</td></tr><tr><td>Portable O₂</td><td>2</td><td>5500-B1A-23A</td><td>BACB20J1A</td><td>A2000-170</td></tr><tr><td></td><td></td><td></td><td>+ BACB20J3A</td><td></td></tr><tr><td>Demo Kit</td><td>2</td><td>VAR</td><td>2 x Bag</td><td>A2000-175</td></tr></table> Each demo kit contains the following equipment:. 1 x Demo Life Jacket P/N 40982002 1 x Demo Seat Belt P/N 501848-417-1849 1 x Demo Oxygen Mask P/N 289-701-27 1 x Safety Card					Description	Qty	P/N	Bracket	Placard P/N	Spare L/J	4	00002256	1 x Bag	A2000-313	Infant L/J	8	00002260	2 x Bag	A2000-314	Baby-cot	2	A346600A00	N/A	A2000-318	Ext seat Belt	10	501848-417-1849	1 x Bag	A2000-172	Portable O ₂	2	5500-B1A-23A	BACB20J1A	A2000-170				+ BACB20J3A		Demo Kit	2	VAR	2 x Bag	A2000-175
Description	Qty	P/N	Bracket	Placard P/N																																									
Spare L/J	4	00002256	1 x Bag	A2000-313																																									
Infant L/J	8	00002260	2 x Bag	A2000-314																																									
Baby-cot	2	A346600A00	N/A	A2000-318																																									
Ext seat Belt	10	501848-417-1849	1 x Bag	A2000-172																																									
Portable O ₂	2	5500-B1A-23A	BACB20J1A	A2000-170																																									
			+ BACB20J3A																																										
Demo Kit	2	VAR	2 x Bag	A2000-175																																									
D2.20	OVERHEAD STOWAGE LH (STA 1160-1260): Refer to DRG 0162-256-757 Install the following in the aft section of the stowage compartment: <table><tr><th>Description</th><th>Qty</th><th>P/N</th><th>Bracket</th><th>Placard P/N</th></tr><tr><td>Wheelchair</td><td>1</td><td>2520502</td><td>Strap</td><td>A2000-559</td></tr></table>					Description	Qty	P/N	Bracket	Placard P/N	Wheelchair	1	2520502	Strap	A2000-559																														
Description	Qty	P/N	Bracket	Placard P/N																																									
Wheelchair	1	2520502	Strap	A2000-559																																									
D2.21	OVERHEAD STOWAGE LH (STA 1220-1260): Refer to DRG 0162-256-757 Install the following in the stowage compartment: <table><tr><th>Description</th><th>Qty</th><th>P/N</th><th>Bracket</th><th>Placard P/N</th></tr><tr><td>Doctors Box</td><td>1</td><td>Statkit 600</td><td>Strap</td><td>A2000-238</td></tr><tr><td>Defibrillator</td><td>1</td><td>Lifepak 500</td><td>Strap</td><td>A2000-173</td></tr></table>					Description	Qty	P/N	Bracket	Placard P/N	Doctors Box	1	Statkit 600	Strap	A2000-238	Defibrillator	1	Lifepak 500	Strap	A2000-173																									
Description	Qty	P/N	Bracket	Placard P/N																																									
Doctors Box	1	Statkit 600	Strap	A2000-238																																									
Defibrillator	1	Lifepak 500	Strap	A2000-173																																									
D2.22	Intentionally left blank.																																												

MODIFICATION EMBODIMENT INSTRUCTIONS

D2. ACCOMPLISHMENT INSTRUCTIONS – SECTION D2 INSTALLATION OF EMERGENCY EQUIPMENT (G-CPEP)						
					MECH SIG.	INSP STAMP
D2.23	FWD FACE LAV C (STA 1279): Refer to DRG 0162-256-757 Install the following in the stowage compartment:					
	Description	Qty	P/N	Bracket	Placard P/N	
	BCF Extinguisher	2	BA51015G3	BA50102-3	A2000-109	
D2.24	ABOVE CABIN ATTENDANT SEAT DR 3R: Refer to DRG 0162-256-757 Install the following Emergency Equipment above the CAS:					
	Description	Qty	P/N	Bracket	Placard P/N	
	Smoke-hood	1	E21080-10	E28183-04	A2000-319	
	DME Torch	1	P2-07-0001-212	N/A	A2000-161	
D2.25	BELOW CABIN ATTENDANT SEAT DR 3R: Refer to DRG 0162-256-757 Install the following Emergency Equipment below the CAS:					
	Description	Qty	P/N	Bracket	Placard P/N	
	Crew life vest	1	00002264	N/A	A2000-	
	DME Torch	1	P2-07-0001-212	N/A	A2000-161	
D2.26	Intentionally left blank.					
D2.27	Intentionally left blank.					
D2.28	OVERHEAD STOWAGE RH (STA 1620-1636): Refer to DRG 0162-256-757 Install the following in the “small” stowage compartment:					
	Description	Qty	P/N	Bracket	Placard P/N	
	Fire Gloves	1	02626000	1 x Bag	A2000-171	
	Portable O ₂	2	5500-B1A-23A	BACB20J1A + BACB20J3A	A2000-170	
	First Aid Kit	1	AMMFAK1	Shelf	A2000-109	

MODIFICATION EMBODIMENT INSTRUCTIONS

D2. ACCOMPLISHMENT INSTRUCTIONS – SECTION D2 INSTALLATION OF EMERGENCY EQUIPMENT (G-CPEP)						MECH SIG.	INSP STAMP
D2.29	OVERHEAD STOWAGE LH (STA 1620-1636): Refer to DRG 0162-256-757 Install the following in the stowage aft section of the compartment:						
	Description	Qty	P/N	Bracket	Placard P/N		
	Portable O ₂	2	5500-B1A-23A	BACB20J1A + BACB20J3A	A2000-170		
	BCF Extinguisher	1	BA51015G3	BA50102-3	A2000-109		
	Crash Axe	1	42D8331	Pouch	NONE		
D2.30	AFT BULKHEAD RH (STA 1637): Refer to DRG 0162-256-757 Install the following on the aft face of the bulkhead:						
	Description	Qty	P/N	Bracket	Placard P/N		
	Loudhailer	1	ACR-EM-1A	65B53931-17	A2000-130		
	BCF Extinguisher	1	BA51015G3	BA50102-3	A2000-109		
D2.31	AFT BULKHEAD LH (STA 1637): Refer to DRG 0162-256-757 Install the following on the aft face of the bulkhead above the CAS:						
	Description	Qty	P/N	Bracket	Placard P/N		
	BCF Extinguisher	1	BA51015G3	BA50102-3	A2000-109		
	Smoke-hood	2	E21080-10	E28183-04	A2000-319		
D2.32	DBL CABIN ATTENDANT SEAT LH (STA 1637): Refer to DRG 0162-256-757 Install the following below the CAS:						
	Description	Qty	P/N	Bracket	Placard P/N		
	Crew life vest	2	00002264	N/A	A2000-		
	DME Torch	2	P2-07-0001-212	N/A	A2000-161		
	ELT	1	500-12Y	A0861	A2000-250		
D2.32	PASSENGER SEAT (CABIN): Refer to DRG 0162-256-757 Install a passenger life vest below each seat.						
	Description	Qty	P/N	Bracket	Placard P/N		
	Pax life vest	233	00002256	N/A	On Seat		

MODIFICATION EMBODIMENT INSTRUCTIONS

D2. ACCOMPLISHMENT INSTRUCTIONS – SECTION D2 INSTALLATION OF EMERGENCY EQUIPMENT (G-CPEP)		
	MECH SIG.	INSP STAMP
D2.34	Intentionally left blank.	
D2.35	On all over head stowage compartments which carry emergency equipment install a placard P/N A2000-112 "CREW USE ONLY" adjacent to the existing contents placards. (Note 9 off required)	
D2.34	Intentionally left blank.	
END		

MODIFICATION EMBODIMENT INSTRUCTIONS

D3. ACCOMPLISHMENT INSTRUCTIONS		
VERIFICATION CHECKS		
	MECH SIG.	INSP STAMP
D3.1 Equipment Refer to Emergency Equipment Layout DRG 0161-256-757 Carry out a physical inspection of the aircraft flight deck and passenger cabin and ensure all equipment is fitted as shown on the reference layout.		
D3.2 Placards: Ensure all the above equipment is placarded accordingly and all placards can be clearly seen. Where equipment is installed within the overhead stowage compartment ensure a "Crew Use Only" Placard is displayed adjacent to the existing content placards		
END		

MODIFICATION EMBODIMENT INSTRUCTIONS

E. DOCUMENTS REQUIRED:

THE FOLLOWING DOCUMENTS ARE REQUIRED FOR EMBODIMENT OF MODIFICATION AES-757-050 PART D.

THE FOLLOWING AES DRAWINGS ARE REQUIRED:

DRAWING No	ISSUE	TITLE
0161-256-757	3	EMERGENCY EQUIPMENT LAYOUT (G-CPEP)
0162-256-757	3	EMERGENCY EQUIPMENT INSTL'N (G-CPEP)

THE FOLLOWING ADDITIONAL DOCUMENTS ARE REQUIRED FOR REFERENCE ONLY:

DOCUMENT No	ISSUE	TITLE
MON-25-60-2466	C	EMERGENCY EQUIPMENT INSTALLATION (EXISTING)

MODIFICATION EMBODIMENT INSTRUCTIONS

F. SPECIAL TOOLS REQUIRED:

LIST OF SPECIALIST TOOLING REQUIRED TO EMBODY THESE INSTRUCTIONS.

<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>VENDOR</u>	<u>COMMENTS</u>
--------------------	--------------------	---------------	-----------------

NO SPECIAL TOOLS
REQUIRED

G. ESTIMATED TIME REQUIRED:

The Emergency Equipment installation shall be carried out in conjunction with an aircraft C-Check. It is estimated that the emergency equipment installation will require approximately 150 hours (not including curing time for adhesives/fillers)

MODIFICATION EMBODIMENT INSTRUCTIONS

H. PARTS LIST (MOD. NUMBER : AES-757-050 PART D, EMERGENCY EQUIPMENT INSTL'N)									
LINE ITEM NO.	ACTION (ADD/DELETE/REWORK)	PART NUMBER COMMENT	QTY	DESCRIPTION	USED ON PART / WIRE BUNDLE	VENDOR / REMARKS	BATCH No (ENGINEER TO COMPLETE)	SERIAL No (ENGINEER TO COMPLETE)	INTRO./CHANGE D AT ISSUE
1	ADD	E21810-10	9 REF	SMOKEHOOD	0161-256-757	10 EXIST			1
2	ADD	443	1REF	CRASH AXE (FLT DECL)	0161-256-757	1 EXIST			1
3	ADD	42D8331	1	CRASH AXE (CABIN)	0161-256-757				1
4	ADD	AMMFAK1	3	FIRST AID KIT	0161-256-757				1
5	ADD	ACR-EM-1A	3 REF	MEGAPHONE	0161-256-757	3 EXIST			1
6	ADD	P2-07-0001-212	11 REF	DME TORCH	0161-256-757	12 EXIST			1
7	ADD	500-12Y	2	ELT	0161-256-757				1
8	ADD	00002260	16	INFANT LIFE VEST	0161-256-757				1
9	ADD	FKK-35L ALT 02626000	3 REF	ASBESTOS GLOVES	0161-256-757	9 EXIST			
10	ADD	00002256	8	SPARE LIFE VEST	0161-256-757				1
11	ADD	MC10-08-107	4 REF	CREW OXY MASK	0161-256-757	4 EXIST			1
12	ADD	A346600A00	4	BABYCOT	0161-256-757				1
13	ADD	40982002	4	DEMO LIFE VEST	0161-256-757				1
14	ADD	289-701-27	4	DEMO OXY MASK	0161-256-757				1
15	ADD	501848-417-1849	4	DEMO EXT SEAT BELT	0161-256-757				1
16	ADD	N/A	4	SAFETY CARD	0161-256-757				1

MODIFICATION EMBODIMENT INSTRUCTIONS

H. PARTS LIST (MOD. NUMBER : AES-757-050 PART D, EMERGENCY EQUIPMENT INSTL'N)									
LINE ITEM NO.	ACTION (ADD/ DELETE/ REWORK)	PART NUMBER COMMENT	QTY	DESCRIPTION	USED ON PART / WIRE BUNDLE	VENDOR / REMARKS	BATCH No (ENGINEER TO COMPLETE)	SERIAL No (ENGINEER TO COMPLETE)	INTRO./ CHANGE D AT ISSUE
17	ADD	N/A	2 REF	ESCAPE ROPE (FLT DECK)	0161-256-757	2 EXIST			1
18	ADD	501848-417-1849	20	EXT SEAT BELT	0161-256-757				1
19	ADD	MXP210-00	4 REF	SMOKE GOGGLES	0161-256-757	4 EXIST			1
20	ADD	2520502	1	TRAVEL WHEELCHAIR	0161-256-757				1
21	ADD	5500-B1A-BF-23A	14	PORTABLE OXY BOTTLE	0161-256-757				1
22	ADD	28314-2	28	DISP OXYGEN MASK	0161-256-757				1
23	ADD	STATKIT 600	1	DOCTORS BOX	0161-256-757				1
24	ADD	BA51015G3	9	BCF FIRE EXTINGUISHER	0161-256-757				1
25	ADD	MEDISLING	2	MEDISLING	0161-256-757				1
26	ADD	820003	1	RESUSITATION MASK	0161-256-757				1
27	ADD	LIFEPAK 500	1	DEFIBRILLATOR	0161-256-757				1
28	ADD	00002256	233	PAX LIFE VEST	0161-256-757				1
29	ADD	A20046	2	INSPECTION MIRROR	0161-256-757				
30	ADD								
31	ADD	ADDITIONAL PARTS TO FOLLOW AT LATER REVISION							

MODIFICATION EMBODIMENT INSTRUCTIONS

J. MEI - REPORT SHEET.

THE MEI REPORT SHEET IS PROVIDED FOR THE PURPOSE OF COMMUNICATING TO AES DESIGN OFFICE ANY IMPROVEMENTS / SUGGESTIONS ARISING FROM THE EMBODIMENT OF THE MODIFICATION.

REPORT SHEET	MEI No: MEI-051 MOD No: AES-757-050 'D'
AIRCRAFT TYPE:	
REGISTRATION AND SERIAL NUMBER:	
LOCATION:	
COMMENTS:	
PREPARED BY / DATE: _____	

MODIFICATION EMBODIMENT INSTRUCTIONS

APPENDIX A:- Serviceable Items Record Sheet (Photocopy additional sheets as reqd)

[illegible]



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AES Limited
28 Golds Nurseries Business Park
Elsenham
Essex
CM22 6JX

QUERY NOTE

AES REF No.:

QN-AES-.....-.....-.....

(COMPLETED BY AES STAFF ONLY)

AIRCRAFT TYPE:.....

APPLICANTS NAME:.....

REGISTRATION:.....

DATE:.....

LOCATION:.....

APPLICANTS FAX No:.....

DRAWING (S) / P/N AFFECTED:

APPLICANTS TEL No:.....

.....

GIVE FULL DETAILS, INCLUDE OR ATTACH RELEVANT SKETCHES

DESIGN RESPONSE TO QUERY NOTE

DRAWING (S) TO BE AMENDED YES / NO

DATE AMENDED:

(AEROSPACE ENGINEERING SOLUTIONS LIMITED DESIGN OFFICE USE ONLY)

COMPILED BY:

APPROVED BY:

MODIFICATION EMBODIMENT INSTRUCTIONS

A. TITLE PAGE

TITLE: INTRODUCTION OF PASSENGER SEAT LAYOUT (233Y)
AND MISCELLANEOUS CHANGES

DATE COMPILED: 15.04.02

MODIFICATION NO.: AES-757-050 PART E

PROJECT NO.: PN 0056

EFFECTIVITY:	A/C TYPE	REGISTRATION	SERIAL NO.
	757-2YO	G-CPEP	25268

This document is issued for production engineering purposes.

The definitive design requirements are shown in mod AES-757-050, the contents of which override information contained in this MEI.

Differences resulting from existing repairs, variation in build standard or corrosion to be reported to AES Ltd Design Department.

Manufacturing processes and inspection and installation procedures are the responsibility of Air 2000 Limited.

ISSUE	1	2	3	4	5	6
DRN:	0088	0105	0112			
DATE	APR 2002	APR 2002	MAY 2002			
COMPILED BY:	A DOLBY	L. DONALD	A HEISSIG			
CHECKED BY:	A L H	L M D	LMD			
DESIGN APP:	A M D	A M D	MAE			

MODIFICATION EMBODIMENT INSTRUCTIONS

B. REVISION DETAILS:

WRITE BELOW A BRIEF SUMMARY OF THE CHANGES WHICH HAVE BEEN INTRODUCED AT THE STATED REVISION:

ISSUE	DESCRIPTION
1	NEW ISSUE
2	DRAWING NUMBER CHANGED FROM 0159-256-757 TO 0159-252-757 IN SECTION D2.1 THROUGH D2.16
3	DRAWING 0159-252-757 UP-ISSUED TO ISSUE 2 IN SECTION E

MODIFICATION EMBODIMENT INSTRUCTIONS

C. CONTENTS:

SEC.	DESCRIPTION	PAGE No
A.	TITLE PAGE	1
B.	REVISION STATUS	2
C.	CONTENTS	3
D1.	ACCOMPLISHMENT INSTRUCTIONS – EQPT REMOVAL	4
D2.	ACCOMPLISHMENT INSTRUCTIONS – CABIN SEATING INSTL'N	5
D3.	ACCOMPLISHMENT INSTRUCTIONS – MISC CABIN CHANGES	7
D4.	ACCOMPLISHMENT INSTRUCTIONS – VERIFICATION CHECK.	9
E.	DRAWINGS & DOCUMENTS REQUIRED	10
F.	SPECIAL TOOLS REQUIRED	11
G.	ESTIMATED TIME REQUIRED	11
H.	PARTS REQUIRED	12
J.	REPORT SHEET	15
	APPENDIX A – SERVICEABLE ITEM SHEET	16
	QUERY NOTE BLANK	17

MODIFICATION EMBODIMENT INSTRUCTIONS

D1. ACCOMPLISHMENT INSTRUCTIONS		
PREPARATION (EQUIPMENT (SEAT) REMOVAL)		
		MECH SIG. INSP STAMP
D1.0	Carry out all procedures in accordance with the relevant sections of the Airplane Maintenance Manual (AMM)	
D1.1	Remove the existing complement of passenger seats, check for serviceability, Recertify and route to Air 2000 Stores / Workshops	
D1.2	Remove the ship set of Seat Electronic Box's P/N RD-AX4312 from each of the cabin seat assemblies and route to Air 2000 stores,	
D1.3	Remove the existing Infill strips from between the cabin seats.	
D1.4	Intentionally left blank	
D1.5	Intentionally left blank	
D1.6	Intentionally left blank	
D1.7	Intentionally left blank	
D1.8	Intentionally left blank	
	END	

MODIFICATION EMBODIMENT INSTRUCTIONS

D2. ACCOMPLISHMENT INSTRUCTIONS		
EQUIPMENT (SEATS) INSTALLATION		
	MECH SIG.	INSP STAMP
Forward Cabin		
D2.1	Refer to LOPA 0159-252-757 Install the front R/H TPL seat as shown and install the remaining seats per the drawing IAW AMM Ch 25-25-001 p.block 401.	
D2.2	Refer to LOPA 0159-252-757 Install the front L/H TPL seat as shown and re-pitch the replacement seats per the drawing IAW AMM Ch 25-25-001 p.block 401.	
D2.3	Refer to LOPA 0159-252-757 Cut new seat-track infill strips and install as required. Use P/N ACI-FL-00105-54 inboard and P/N ACI-FL-00107-54 outboard per AMM Ch 25-25-01 p.block 201.	
D2.4	Refer to LOPA 0159-252-757 Install the LH Cabin Divider P/N 57\252A2108-001 as shown.	
D2.5	Refer to LOPA 0159-252-757 Install the RH Cabin Divider P/N 57\252A2109-001 as shown.	
D2.6	Intentionally left blank.	
D2.7	Intentionally left blank.	
Mid Cabin		
D2.8	Refer to LOPA 0159-252-757 Install the front R/H DBL IAT seat as shown and install the remaining seats per the drawing IAW AMM Ch 25-25-001 p.block 401.	
D2.9	Refer to LOPA 0159-252-757 Install the front L/H TPL seat as shown and re-pitch the replacement seats per the drawing IAW AMM Ch 25-25-001 p.block 401.	
D2.10	Intentionally left blank.	
D2.11	Intentionally left blank.	
D2.12	Intentionally left blank.	
Aft Cabin		
D2.13	Refer to LOPA 0159-252-757 Install the front R/H TPL IAT seat as shown and install the remaining seats per the drawing IAW AMM Ch 25-25-001 p.block 401.	

MODIFICATION EMBODIMENT INSTRUCTIONS

D2. ACCOMPLISHMENT INSTRUCTIONS		
EQUIPMENT (SEATS) INSTALLATION		
	MECH SIG.	INSP STAMP
D2.14 Refer to LOPA 0159-252-757 Install the front L/H TPL IAT seat as shown and install the remaining seats per the drawing IAW AMM Ch 25-25-001 p.block 401.		
D2.15 Intentionally left blank.		
D2.16 Intentionally left blank.		
END		

MODIFICATION EMBODIMENT INSTRUCTIONS

D3. ACCOMPLISHMENT INSTRUCTIONS		
MISCELLANEOUS CABIN CHANGES		
		MECH SIG. INSP STAMP
Seat Row Placards		
D3.1	Refer to DRG 0159-252-757: Replace the seat row identifiers throughout the cabin using kit P/N A2000-455FS to match the drawing and physical seat positions. Note: FWD LH Cabin Starts at ROW 2 .	
D3.2	Intentionally left blank.	
D3.3	Intentionally left blank.	
Cabin Carpet		
D3.4	Refer to AMM Ch 25-27-01-401 Re-trim the cabin carpet at specific request of operator if required. Use the following specifications. LANTAL MELAIR 3234 LS D783/3000 or ANKAR 6228/08894	
D3.5	Intentionally left blank.	
D3.6	Intentionally left blank.	
D3.7	Intentionally left blank.	
D3.8	Intentionally left blank.	
D3.9	Intentionally left blank.	
D3.10	Intentionally left blank.	
D3.11	Intentionally left blank.	
Delethalisation Pad Installation		
D3.12	Ref DRG 0155-252-757 Install LH Delethalisation Pad on the aft face of the forward bulkhead as shown on ref drawing.	
D3.13	Ref DRG 0155-252-757 Install RH Delethalisation Pad on the aft face of the forward bulkhead as shown on ref drawing.	
D3.14	Refer to MEI-055 for Cabin IFE Cabling installation.	

MODIFICATION EMBODIMENT INSTRUCTIONS

D3. ACCOMPLISHMENT INSTRUCTIONS		
MISCELLANEOUS CABIN CHANGES		
	MECH SIG.	INSP STAMP
D3.15 Refer to MEI-053 for Cabin PSU Installation.		
D3.16 Refer to MEI-054 for Emergency floor path lighting installation		
END		

MODIFICATION EMBODIMENT INSTRUCTIONS

D4. ACCOMPLISHMENT INSTRUCTIONS		
VERIFICATION CHECKS		
	MECH SIG.	INSP STAMP
D4.1 Cabin Seats Carry out a mechanical function test for each passenger seat in the cabin to ensure all mechanical operations function correctly. (e.g. recline, in-arm table).		
D4.2 Cabin Layout Carry out a compliance check to ensure that the replacement seats provide continued compliance with CAA AWN 64 (minimum space for seated passengers)		
D4.3 Cabin Layout Carry out a compliance check to ensure that the replacement seat locations provide continued compliance with JAR25.815 throughout the cabin (minimum aisle width).		
D4.4 Seat Belts (Airline Interior Seats) Verify a CAA Approved Seat Belt is fitted to each PAX seat.		
END		

MODIFICATION EMBODIMENT INSTRUCTIONS

E. DOCUMENTS REQUIRED:

THE FOLLOWING DOCUMENTS ARE REQUIRED FOR EMBODIMENT OF MODIFICATION AES-757-050 PART E.

THE FOLLOWING AES DRAWINGS ARE REQUIRED:

DRAWING No	ISSUE	TITLE
0159-252-757	2	233 PAX CONFIGURATION B757-2YO (G-CPEP)
0155-252-757	1	DELETHALISATION PAD INSTL'N B757-236 (G-CPEP)

THE FOLLOWING EXISTING DOCUMENTS ARE REQUIRED FOR REFERENCE ONLY:

DOCUMENT No	ISSUE	TITLE
NONE RQD		

MODIFICATION EMBODIMENT INSTRUCTIONS

F. SPECIAL TOOLS REQUIRED:

LIST OF SPECIALIST TOOLING REQUIRED TO EMBODY THESE INSTRUCTIONS.

<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>VENDOR</u>	<u>COMMENTS</u>
--------------------	--------------------	---------------	-----------------

NO SPECIAL TOOLS
REQUIRED

G. ESTIMATED TIME REQUIRED:

This installation shall be carried out in conjunction with an aircraft C-Check. It is estimated that the installation will require approximately 100 hours (Does not include any seat preparation time)

MODIFICATION EMBODIMENT INSTRUCTIONS

H. PARTS LIST (MOD. NUMBER : AES-757-050 PART E, SEAT INSTL'N)									
LINE ITEM NO.	ACTION (ADD/ DELETE/ REWORK)	PART NUMBER COMMENT	QTY	DESCRIPTION	USED ON PART / WIRE BUNDLE	VENDOR / REMARKS	BATCH No (ENGINEER TO COMPLETE)	SERIAL No (ENGINEER TO COMPLETE)	INTRO./ CHANGE D AT ISSUE
1	DEL	SICMA 9568 SERIES	SET	1 x SHIP SET SICMA SEATS	MON-25-20-2437				1
2	ADD	116001-1	31	SEAT ASSY – LH TPL STD HCAP	0159-252-757				1
3	ADD	116001-4	32	SEAT ASSY – RH TPL STD	0159-252-757				1
4	ADD	116001-5	1	SEAT ASSY – LH TPL HCAP NRO	0159-252-757				1
5	ADD	116001-9	1	SEAT ASSY – LH TPL STD NT	0159-252-757				1
6	ADD	116001-12	1	SEAT ASSY – LH TPL STD NT NR SPB	0159-252-757				1
7	ADD	116001-16	1	SEAT ASSY – RH TPL STD NT NR	0159-252-757				1
8	ADD	116001-17	1	SEAT ASSY – LH TPL STD NCAP NRWO	0159-252-757				1
9	ADD	116001-20	1	SEAT ASSY – RH TPL STD NRWO	0159-252-757				1
10	ADD	116001-21	1	SEAT ASSY – LH TPL STD HCAP NRW NT 2.0R SPB	0159-252-757				1
11	ADD	116001-22	1	SEAT – ASSY RH TPL DTD HCAP NRW NT 2.0R SPB	0159-252-757				1
12	ADD	116002-1	1	SEAT ASSY – LH TPL IAT	0159-252-757				1

MODIFICATION EMBODIMENT INSTRUCTIONS

H. PARTS LIST (MOD. NUMBER : AES-757-050 PART E, SEAT INSTL'N)									
LINE ITEM NO.	ACTION (ADD/DELETE/REWORK)	PART NUMBER COMMENT	QTY	DESCRIPTION	USED ON PART / WIRE BUNDLE	VENDOR / REMARKS	BATCH No (ENGINEER TO COMPLETE)	SERIAL No (ENGINEER TO COMPLETE)	INTRO./CHANGE D AT ISSUE
13	ADD	116002-3	2	SEAT ASSY – LH TPL IAT NBF	0159-252-757				1
14	ADD	116002-4	1	SEAT ASSY – RH TPL IAT NBF	0159-252-757				1
15	ADD	116003-2	1	SEAT ASSY – RH STD TPL IAT NBF	0159-252-757				1
16	ADD	57\252A2108-001	1	DIVIDER ASSY LH	0159-252-757				1
17	ADD	57\252A2109-001	1	DIVIDER ASSY RH	0159-252-757				1
18	ADD	ACI-FL-00105-54	A/R	SEAT TRACK INFILL – I/B	0159-252-757				1
19	ADD	ACI-FL-00107-54	A/R	SEAT TRACK INFILL – O/B	0159-252-757				1
20	ADD	A2000-455FS	SET	233PAX SEAT ROW KIT	0159-252-757				1
21	ADD								
22	ADD	0155-252-757-003	1	LH DELETHALISATION PAD	0155-252-757				1
23	ADD	0155-252-757-004	1	RH DELETHALISATION PAD	0155-252-757				1
24	ADD	57\252A2050-005	2	WALL BRACKET ASSY	57\252A2050-005				1
25	ADD	NAS1836-06-12	8	INSERT 6-32	0155-252-757				1
26	ADD	NAS514P632-7	8	SCREW 6-32 CSK HD	0155-252-757				1
27	ADD	A2000-108	6	DECAL – LIFE VEST UNDER SEAT	0155-252-757				1

MODIFICATION EMBODIMENT INSTRUCTIONS

H. PARTS LIST (MOD. NUMBER : AES-757-050 PART E, SEAT INSTL'N)									
LINE ITEM NO.	ACTION (ADD/ DELETE/ REWORK)	PART NUMBER COMMENT	QTY	DESCRIPTION	USED ON PART / WIRE BUNDLE	VENDOR / REMARKS	BATCH No (ENGINEER TO COMPLETE)	SERIAL No (ENGINEER TO COMPLETE)	INTRO./ CHANGE D AT ISSUE
28	ADD	A2000-111	6	DECAL – FASTEN SEAT BELT WHILE....	0155-252-757				1
29	ADD	NAS1336-3-12	9	INSERT 10-32	0155-252-757				1
30	ADD	F5000-3	3	FLOATING ANCHOR NUT 10- 32	0155-252-757				1
31	ADD	MS20426AD3-6	6	3/32 RIVET CSK	0155-252-757				1
32	ADD	0155-252-757-039	4	A2KLITPOCKET	0155-252-757				1
33	ADD	NAS514P1032-7	3	SCREW	0155-252-757				1
34	ADD	2499859-501	3	WASHER	0155-252-757				1
35	ADD	0155-252-757-045	3	NUTPLATE 2024-T3, QQ-A250/5Thk=.040	0155-252-757				1
36		END							

MODIFICATION EMBODIMENT INSTRUCTIONS

J. MEI - REPORT SHEET.

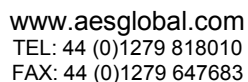
THE MEI REPORT SHEET IS PROVIDED FOR THE PURPOSE OF COMMUNICATING TO AES DESIGN OFFICE ANY IMPROVEMENTS / SUGGESTIONS ARISING FROM THE EMBODIMENT OF THE MODIFICATION.

REPORT SHEET	MEI No: MEI-052 MOD No: AES-757-050 'E'
AIRCRAFT TYPE:	
REGISTRATION AND SERIAL NUMBER:	
LOCATION:	
COMMENTS:	
PREPARED BY / DATE: _____	

MODIFICATION EMBODIMENT INSTRUCTIONS

APPENDIX A:- Serviceable Items Record Sheet (Photocopy additional sheets as reqd)

[illegible]



AES Limited
28 Golds Nurseries Business Park
Elsenham
Essex
CM22 6JX

<h1>QUERY NOTE</h1>		AES REF No:. QN-AES-.....-.....-..... (COMPLETED BY AES STAFF ONLY)
AIRCRAFT TYPE:.....	APPLICANTS NAME:.....	
REGISTRATION:.....	DATE:.....	
LOCATION:.....	APPLICANTS FAX No:.....	
DRAWING (S) / P/N AFFECTED:	APPLICANTS TEL No:.....	
GIVE FULL DETAILS, INCLUDE OR ATTACH RELEVANT SKETCHES		

DESIGN RESPONSE TO QUERY NOTE	
DRAWING (S) TO BE AMENDED YES / NO	DATE AMENDED:
(AEROSPACE ENGINEERING SOLUTIONS LIMITED DESIGN OFFICE USE ONLY)	
COMPILED BY:	APPROVED BY:

MODIFICATION EMBODIMENT INSTRUCTIONS

A. TITLE PAGE

TITLE: INTRODUCTION OF PAX SERVICE UNITS (G-CPEP)

DATE COMPILED: 22.04.02

MODIFICATION NO.: AES-757-050 PART H

PROJECT NO.: PN 0056

EFFECTIVITY:	A/C TYPE	REGISTRATION	SERIAL NO.
	757-2YO	G-CPEP	25268

This document is issued for production engineering purposes.

The definitive design requirements are shown in mod AES-757-050, the contents of which override information contained in this MEI.

Differences resulting from existing repairs, variation in build standard or corrosion to be reported to AES Ltd Design Department.

Manufacturing processes and inspection and installation procedures are the responsibility of Air 2000 Limited.

ISSUE	1	2	3	4	5	6
DRN:	0088	0104	0105			
DATE	APR 2002	APR 2002	APR 2002			
COMPILED BY:	A DOLBY	A DOLBY	L. DONALD			
CHECKED BY:	L M D	L M D	L M D			
DESIGN APP:	A M D	A M D	A M D			

MODIFICATION EMBODIMENT INSTRUCTIONS

B. REVISION DETAILS:

WRITE BELOW A BRIEF SUMMARY OF THE CHANGES WHICH HAVE BEEN INTRODUCED AT THE STATED REVISION:

ISSUE	DESCRIPTION
1	NEW ISSUE
2	DRG ISSUES RAISED TO ISS 2. SEATS IN FWD LH CABIN REPITCHED FROM 29" TO 31"
3	DRG ISSUE RAISED TO ISSUE 3.

MODIFICATION EMBODIMENT INSTRUCTIONS

C. CONTENTS:

SEC.	DESCRIPTION	PAGE No
A.	TITLE PAGE	1
B.	REVISION STATUS	2
C.	CONTENTS	3
D1.	ACCOMPLISHMENT INSTRUCTIONS – PREPARATION	4
D2.	ACCOMPLISHMENT INSTRUCTIONS – PSU INSTALLATION	5
D3.	ACCOMPLISHMENT INSTRUCTIONS – TESTING	6
E.	DRAWINGS & DOCUMENTS REQUIRED	7
F.	SPECIAL TOOLS REQUIRED	8
G.	ESTIMATED TIME REQUIRED	8
H.	PARTS REQUIRED	9
J.	REPORT SHEET	12
	APPENDIX A – SERVICEABLE ITEM SHEET	13
	QUERY NOTE BLANK	14

MODIFICATION EMBODIMENT INSTRUCTIONS

D1. ACCOMPLISHMENT INSTRUCTIONS		
PREPARATION (EQUIPMENT (SEAT) REMOVAL)		
	MECH SIG.	INSP STAMP
D1.0	Carry out all procedures in accordance with the relevant sections of the Airplane Maintenance Manual (AMM)	
D1.1	Rework of PSU P/N 417N3100-439	
D1.2	The aircraft constructor has provided an NTO to modify an existing PSU P/N 417N3100-439 to achieve a configuration similar to 417N3100-419.	
D1.3	Rework the -439 by: Replacing the Connectors (Wire bundle pin outs and schematics are the same) Installing a Speaker Blank off existing life vest housing.	
D1.4	Replace existing connector P/N BACC45FT20A16P using connector P/N BACC45FT18A14P.	
D1.5	Remove speaker grill blanking sheet and install the following items IAW Boeing DRG Ref 413N3100-19 (SHT 2.0, & 3.0 PSU ASSY 413N3100-419) 1 x Speaker P/N RDAM8005A 1 x Gasket P/N 417N3104-2 2 x Nut P/N BACN10YJ08	
D1.6	Lock out life vest door by wire-locking the opening mechanism. Delete any reference to Life Vest Inside decal on underside of access door.	
D1.7	Re-identify the outside of the PSU assembly 0140-252-757-025	
D1.8	Intentionally left blank	
	END	

MODIFICATION EMBODIMENT INSTRUCTIONS

D2. ACCOMPLISHMENT INSTRUCTIONS – SECTION D2 INSTALLATION OF PASSENGER SERVICE UNITS		
	MECH SIG.	INSP STAMP
D2.0	Carry out all procedures in accordance with the relevant sections of the Airplane Maintenance Manual (MM CH 25-23-00-401)	
D2.1	Refer to DRG 0140-252-757: In the forward cabin install the PSU Panels and infill panels as shown on the reference drawing.	
D2.2	Refer to DRG 0140-252-757: Above door 2 L/R area install the attendant PSU Panels and infill panels as shown on the reference drawing.	
D2.3	Refer to DRG 0140-252-757: In the mid cabin install the PSU Panels and infill panels as shown on the reference drawing.	
D2.4	Refer to DRG 0140-252-757: In the aft cabin install the PSU Panels and infill panels as shown on the reference drawing.	
D2.5	Intentionally left blank.	
D2.6	Intentionally left blank.	
D2.7	Intentionally left blank.	
END		

MODIFICATION EMBODIMENT INSTRUCTIONS

D3. ACCOMPLISHMENT INSTRUCTIONS		
FUNCTION TEST		
	MECH SIG.	INSP STAMP
D3.0	If required adjust passenger reading lights per AMM Ch 33-23-00/201	
D3.1	Make sure PSU system operates correctly per AMM Ch 35-21-00/501	
D3.2	Make sure the passenger signs operate correctly per AMM CH 33-234-00/201	
D3.3	Make sure the PSU speakers operate correctly per AMM Ch 23-31-02/401	
D3.4	Make sure the call lights operate correctly per AMM Ch 33-25-00/201	
D3.5	Ref DRG 0158-237-757 & ATZ Form ATT/AM/139 Carry out CAA Spec 15 compliance check IAW reference documents.	
D3.6	Intentionally left blank.	
D3.7	Intentionally left blank.	
	END	

MODIFICATION EMBODIMENT INSTRUCTIONS

E. DOCUMENTS REQUIRED:

THE FOLLOWING DOCUMENTS ARE REQUIRED FOR EMBODIMENT OF MODIFICATION AES-757-050 PART H.

THE FOLLOWING AES DRAWINGS ARE REQUIRED:

DRAWING No	ISSUE	TITLE
0140-252-757	3	PSU LAYOUT 233Y PAX B757-2YO (G-CPEP)
0158-252-757	1	RASTI MONITORING POSITIONS (G-CPEP)

THE FOLLOWING EXISTING DOCUMENTS ARE REQUIRED FOR REFERENCE ONLY:

DOCUMENT No	ISSUE	TITLE

NO ADDITIONAL DRAWINGS REQUIRED

MODIFICATION EMBODIMENT INSTRUCTIONS

F. SPECIAL TOOLS REQUIRED:

LIST OF SPECIALIST TOOLING REQUIRED TO EMBODY THESE INSTRUCTIONS.

<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>VENDOR</u>	<u>COMMENTS</u>
NO SPECIAL TOOLS REQUIRED			

G. ESTIMATED TIME REQUIRED:

The Emergency Equipment installation shall be carried out in conjunction with an aircraft C-Check. It is estimated that the emergency equipment installation will require approximately 75 hours.

MODIFICATION EMBODIMENT INSTRUCTIONS

H. PARTS LIST (MOD. NUMBER : AES-757-050 PART H, PSU INSTL'N)									
LINE ITEM NO.	ACTION (ADD/ DELETE/ REWORK)	PART NUMBER COMMENT	QTY	DESCRIPTION	USED ON PART / WIRE BUNDLE	VENDOR / REMARKS	BATCH No (ENGINEER TO COMPLETE)	SERIAL No (ENGINEER TO COMPLETE)	INTRO./ CHANGE D AT ISSUE
1	ADD	417N3200-41	1	PSU ASSY RH 18" DR 2	0140-252-757	1 EXIST			1
2	ADD	417N3100-410	1	PSU ASSY LH 28"		2 EXIST			1
3	ADD	417N3100-426	19	PSU ASSY RH 28"		19 EXIST			1
4	ADD	417N3100-428	18	PSU ASSY RH 28"		18 EXIST			1
5	ADD	413N3100-419	16	PSU ASSY LH 28"		16 EXIST			1
6	ADD	417N3100-421	18	PSU ASSY LH 28"		18 EXIST			1
7	ADD	417N3100-595	1	PSU ASSY LH 28" MUTED		1 EXIST			1
8	ADD	417N3100-596	1	PSU ASSY RH 28" MUTED		1 EXIST			1
9	ADD	417N3700-22	1	PSU ASSY RH PARTIAL 11"		1 EXIST			
10	ADD	417N3100-506	1	PSU ASSY RH PARTIAL 22"		1 EXIST			1
11	ADD	417N3100-507	1	PSU ASSY LH PARTIAL 22"		1 EXIST			1
12	REWORK	417N3100-439 0140-252-757-025	1	PSU ASSY MAKE FROM 417N3100-439					1
13	ADD	417N3050-9002	1	NSFSB		1 EXIST			1
14	ADD	417N3050-9009	1	NSFSB		1 EXIST			1
15	ADD	417N3050-9011	1	NSFSB		1 EXIST			1
16	ADD	417N3050-9012	1	NSFSB		1 EXIST			

MODIFICATION EMBODIMENT INSTRUCTIONS

H. PARTS LIST (MOD. NUMBER : AES-757-050 PART H, PSU INSTL'N)									
LINE ITEM NO.	ACTION (ADD/ DELETE/ REWORK)	PART NUMBER COMMENT	QTY	DESCRIPTION	USED ON PART / WIRE BUNDLE	VENDOR / REMARKS	BATCH No (ENGINEER TO COMPLETE)	SERIAL No (ENGINEER TO COMPLETE)	INTRO./ CHANGE D AT ISSUE
17	ADD	417N3030-1	2	BATTERY PACK					1
18	ADD	417N3400-4	1	3.2" TERM PANEL					1
19	ADD	417N3400-3	1	3.2" TERM PANEL					1
20	ADD	65C27533-33	3	TAPERED INFILL 2.5/3.0					1
21	ADD	65C27533-41	2	TAPERED INFILL 2.7/1.0					1
22	ADD	65C27533-50	1	TAPERED INFILL 2.7/1.0					1
23	ADD	417N3300-21 ALT P/N 202101-1	0	2" INFILL PANEL		0 EXIST			1
24	ADD	417N3300-7 ALT P/N 202101-2	10	3" INFILL PANEL		11 EXIST			1
25	ADD	417N3300-16 ALT P/N 202101-5	12	4" INFILL PANEL		6 EXIST			1
26	ADD	417N3300-6 ALT P/N 202101-7	0	5" INFILL PANEL		0 EXIST			1
27	ADD	417N3300-20	0	6" INFILL PANEL		0 EXIST			1
28	ADD	417N3300-2	1	7" INFILL PANEL		1 EXIST			1
29	ADD	417N3300-1	1	8" INFILL PANEL		1 EXIST			1

MODIFICATION EMBODIMENT INSTRUCTIONS

H. PARTS LIST (MOD. NUMBER : AES-757-050 PART H, PSU INSTL'N)									
LINE ITEM NO.	ACTION (ADD/ DELETE/ REWORK)	PART NUMBER COMMENT	QTY	DESCRIPTION	USED ON PART / WIRE BUNDLE	VENDOR / REMARKS	BATCH No (ENGINEER TO COMPLETE)	SERIAL No (ENGINEER TO COMPLETE)	INTRO./ CHANGE D AT ISSUE
30	ADD	417N3300-3 ALT P/N 202101-11	1	14" INFILL PANEL		1 EXIST			1
31	ADD	417N3200-77A	1	PSU ASSY DR2		[FROM GOOOZ]			1
32	ADD	417N3500-5	3	12" INFILL PANEL DR2		4 EXIST			1
33	ADD	417N3500-3	2	6" INFILL PANEL DR2		3 EXIST			1
34	ADD	417N3010-8	1	SPEAKER (MUTED) DR2		1 EXIST			1
35	ADD	417N3010-9	1	SPEAKER (MUTED) DR2		1 EXIST			1
36	ADD	417N3510-1	3	3.5" TERM PANEL DR 2		3 EXIST			1
37	ADD	417N3510-8	1	2.5" TERM PANEL DR 2		1 EXIST			1
		END							

MODIFICATION EMBODIMENT INSTRUCTIONS

J. MEI - REPORT SHEET.

THE MEI REPORT SHEET IS PROVIDED FOR THE PURPOSE OF COMMUNICATING TO AES DESIGN OFFICE ANY IMPROVEMENTS / SUGGESTIONS ARISING FROM THE EMBODIMENT OF THE MODIFICATION.

REPORT SHEET	MEI No: MEI-053 MOD No: AES-757-050 'H'
AIRCRAFT TYPE:	
REGISTRATION AND SERIAL NUMBER:	
LOCATION:	
COMMENTS:	
PREPARED BY / DATE: _____	

MODIFICATION EMBODIMENT INSTRUCTIONS

APPENDIX A:- Serviceable Items Record Sheet (Photocopy additional sheets as reqd)

[illegible]

QUERY NOTE		AES REF No:. QN-AES-.....-.....-..... (COMPLETED BY AES STAFF ONLY)
AIRCRAFT TYPE:.....	APPLICANTS NAME:.....	
REGISTRATION:.....	DATE:.....	
LOCATION:.....	APPLICANTS FAX No:.....	
DRAWING (S) / P/N AFFECTED:	APPLICANTS TEL No:.....	
GIVE FULL DETAILS, INCLUDE OR ATTACH RELEVANT SKETCHES		

DESIGN RESPONSE TO QUERY NOTE	
DRAWING (S) TO BE AMENDED YES / NO	DATE AMENDED:
(AEROSPACE ENGINEERING SOLUTIONS LIMITED DESIGN OFFICE USE ONLY)	
COMPILED BY:	APPROVED BY:

MODIFICATION EMBODIMENT INSTRUCTIONS

A. TITLE PAGE

TITLE: INTRODUCTION OF FLOOR PROX LIGHTING CHANGES
(G-CPEP)

DATE COMPILED: 22.04.02

MODIFICATION NO.: AES-757-050 PART J

PROJECT NO.: PN 0056

EFFECTIVITY:	A/C TYPE	REGISTRATION	SERIAL NO.
	757-2YO	G-CPEP	25268

This document is issued for production engineering purposes.

The definitive design requirements are shown in mod AES-757-050, the contents of which override information contained in this MEI.

Differences resulting from existing repairs, variation in build standard or corrosion to be reported to AES Ltd Design Department.

Manufacturing processes and inspection and installation procedures are the responsibility of Air 2000 Limited.

ISSUE	1	2	3	4	5	6
DRN:	0088					
DATE	APR 2002					
COMPILED BY:	A DOLBY					
CHECKED BY:	A BUGDEN					
DESIGN APP:	A M D					

MODIFICATION EMBODIMENT INSTRUCTIONS

B. REVISION DETAILS:

WRITE BELOW A BRIEF SUMMARY OF THE CHANGES WHICH HAVE BEEN INTRODUCED AT THE STATED REVISION:

ISSUE	DESCRIPTION
1	NEW ISSUE

MODIFICATION EMBODIMENT INSTRUCTIONS

C. CONTENTS:

SEC.	DESCRIPTION	PAGE No
A.	TITLE PAGE	1
B.	REVISION STATUS	2
C.	CONTENTS	3
D1.	ACCOMPLISHMENT INSTRUCTIONS – PREPARATION	4
D2.	ACCOMPLISHMENT INSTRUCTIONS – FLOOR TRACK CHANGES	5
D3.	ACCOMPLISHMENT INSTRUCTIONS – TESTING	6
E.	DRAWINGS & DOCUMENTS REQUIRED	7
F.	SPECIAL TOOLS REQUIRED	8
G.	ESTIMATED TIME REQUIRED	8
H.	PARTS REQUIRED	9
J.	REPORT SHEET	10
	APPENDIX A – SERVICEABLE ITEM SHEET	11
	QUERY NOTE BLANK	12

MODIFICATION EMBODIMENT INSTRUCTIONS

D1. ACCOMPLISHMENT INSTRUCTIONS		
PREPARATION (EQUIPMENT CHECK)		
	MECH SIG.	INSP STAMP
D1.0	Carry out all procedures in accordance with the relevant sections of the Airplane Maintenance Manual (AMM Ch 33-51-11/301)	
D1.1	Carry out a function test of the aircraft Floor path lighting system to ensure all lamps in the floor track illuminate correctly per AMM Ch 33-51-11/305 (Sub section D - Light Test)	
D1.2	Intentionally left blank	
D1.3	Intentionally left blank	
D1.4	Intentionally left blank	
D1.5	Intentionally left blank	
D1.6	Intentionally left blank	
D1.7	Intentionally left blank	
D1.8	Intentionally left blank	
	END	

MODIFICATION EMBODIMENT INSTRUCTIONS

D2. ACCOMPLISHMENT INSTRUCTIONS – SECTION D2 INSTALLAITON OF FLOOR PATH LIGHTING		
	MECH SIG.	INSP STAMP
D2.0	Carry out all procedures in accordance with the relevant sections of the Airplane Maintenance Manual (MM CH 33-51-11-301)	
D2.1	Refer to DRG 0157-335-757: Forward Cabin: Verify / install the floor path lighting track as shown on the reference drawing. Ensure 2 x RED Lenses are fitted at the forward most end of the track and that the door exit identifiers can be seen from this location.	
D2.2	Refer to DRG 0157-335-757: Door 2 Area: Verify / install the floor path lighting track as shown on the reference drawing including the joggle forward of door 2. Ensure 4 x RED Lenses are fitted adjacent to door 3 and that the door exit identifiers can be seen from this location.	
D2.3	Refer to DRG 0157-335-757: Mid Cabin: Verify / install the floor path lighting track as shown on the reference drawing.	
D2.4	Refer to DRG 0157-335-757: Door 3 Area: Verify / install the floor path lighting track as shown on the reference drawing. Ensure 4 x RED Lenses are fitted adjacent to door 3 and that the door exit identifiers can be seen from this location.	
D2.5	Refer to DRG 0157-335-757: Aft Cabin: Verify / install the floor path lighting track as shown on the reference drawing. Ensure 2 x RED Lenses are fitted at the aft most end track end and that the door exit identifiers can be seen from this location.	
D2.6	Intentionally left blank.	
D2.7	Intentionally left blank.	
END		

MODIFICATION EMBODIMENT INSTRUCTIONS

D3. ACCOMPLISHMENT INSTRUCTIONS		
FUNCTION TEST		
	MECH SIG.	INSP STAMP
D3.0	Carry out a function test of the floor path lighting system per AMM Ch 33-51-11/301.	
D3.1	Intentionally left blank.	
D3.2	Intentionally left blank.	
D3.3	Intentionally left blank.	
D3.4	Intentionally left blank.	
D3.5	Intentionally left blank.	
D3.6	Intentionally left blank.	
D3.7	Intentionally left blank.	
END		

MODIFICATION EMBODIMENT INSTRUCTIONS

E. DOCUMENTS REQUIRED:

THE FOLLOWING DOCUMENTS ARE REQUIRED FOR EMBODIMENT OF MODIFICATION AES-757-050 PART J.

THE FOLLOWING AES DRAWINGS ARE REQUIRED:

DRAWING No	ISSUE	TITLE
0157-335-757	1	FLOOR PATH LTG INSTALLATION B757-2YO (G-CPEP)

THE FOLLOWING EXISTING DOCUMENTS ARE REQUIRED FOR REFERENCE ONLY:

DOCUMENT No	ISSUE	TITLE

NO ADDITIONAL DRAWINGS REQUIRED

MODIFICATION EMBODIMENT INSTRUCTIONS

F. SPECIAL TOOLS REQUIRED:

LIST OF SPECIALIST TOOLING REQUIRED TO EMBODY THESE INSTRUCTIONS.

<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>VENDOR</u>	<u>COMMENTS</u>
NO SPECIAL TOOLS REQUIRED			

G. ESTIMATED TIME REQUIRED:

The Emergency Equipment installation shall be carried out in conjunction with an aircraft C-Check. It is estimated that the emergency equipment installation will require approximately 15 hours.

MODIFICATION EMBODIMENT INSTRUCTIONS

H. PARTS LIST (MOD. NUMBER : AES-757-050 PART J, FLOOR PATH LIGHTING INSTL'N)									
LINE ITEM NO.	ACTION (ADD/ DELETE/ REWORK)	PART NUMBER COMMENT	QTY	DESCRIPTION	USED ON PART / WIRE BUNDLE	VENDOR / REMARKS	BATCH No (ENGINEER TO COMPLETE)	SERIAL No (ENGINEER TO COMPLETE)	INTRO./ CHANGED AT ISSUE
1	ADD	417N5213-41 ALT P/N 417N5210-30	REF	TRACK COVER	0157-335-757	EXISTING			1
2	ADD	S417N509-6	2	EMER LIGHT LENS – RED	0157-335-757	EXISTING			1
3	ADD	417N5210-6	REF	TRACK BASE	0157-335-757	EXISTING			1
4	ADD	65C33850-1	4	END CAP ASSY	0157-335-757				1
5	ADD	S417N509-2	REF	EMER LIGHT LENS – WHITE	0157-335-757	EXISTING			1
6	ADD	P55-50MM	A/R	DOUBLE SIDED TAPE	0157-335-757	EXISTING			1
7	ADD	417N5210-44	A/R	WIRE SLEEVING	0157-335-757	EXISTING			1
8	ADD	S417N509-14	2	EMER LIGHT– STD	0157-335-757	EXISTING			1
9	ADD	S417N509-11	REF	EMER LIGHT ASSY – END	0157-335-757	EXISTING			1
10	ADD	S417N509-12	REF	EMER LIGHT ASSY – STD	0157-335-757	EXISTING			1
		END							

MODIFICATION EMBODIMENT INSTRUCTIONS

J. MEI - REPORT SHEET.

THE MEI REPORT SHEET IS PROVIDED FOR THE PURPOSE OF COMMUNICATING TO AES DESIGN OFFICE ANY IMPROVEMENTS / SUGGESTIONS ARISING FROM THE EMBODIMENT OF THE MODIFICATION.

REPORT SHEET	MEI No: MEI-054 MOD No: AES-757-050 'J'
AIRCRAFT TYPE:	
REGISTRATION AND SERIAL NUMBER:	
LOCATION:	
COMMENTS:	
PREPARED BY / DATE: _____	

MODIFICATION EMBODIMENT INSTRUCTIONS

APPENDIX A:- Serviceable Items Record Sheet (Photocopy additional sheets as reqd)

[illegible]



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FAX: 44 (0)1279 647683

AES Limited
28 Golds Nurseries Business Park
Elsenham
Essex
CM22 6JX

QUERY NOTE

AES REF No.:

QN-AES-.....-.....-.....

(COMPLETED BY AES STAFF ONLY)

AIRCRAFT TYPE:.....

APPLICANTS NAME:.....

REGISTRATION:.....

DATE:.....

LOCATION:.....

APPLICANTS FAX No:.....

DRAWING (S) / P/N AFFECTED:

APPLICANTS TEL No:.....

.....

GIVE FULL DETAILS, INCLUDE OR ATTACH RELEVANT SKETCHES

DESIGN RESPONSE TO QUERY NOTE

DRAWING (S) TO BE AMENDED YES / NO

DATE AMENDED:

(AEROSPACE ENGINEERING SOLUTIONS LIMITED DESIGN OFFICE USE ONLY)

COMPILED BY:

APPROVED BY:

MODIFICATION EMBODIMENT INSTRUCTIONS

A. TITLE PAGE

TITLE: INTRODUCTION OF SEAT TO SEAT CABLING (233Y)

DATE COMPILED: 15.04.02

MODIFICATION NO.: AES-757-050 PART F

PROJECT NO.: PN 0056

EFFECTIVITY:	A/C TYPE	REGISTRATION	SERIAL NO.
	757-2YO	G-CPEP	25268

This document is issued for production engineering purposes.

The definitive design requirements are shown in mod AES-757-050, the contents of which override information contained in this MEI.

Differences resulting from existing repairs, variation in build standard or corrosion to be reported to AES Ltd Design Department.

Manufacturing processes and inspection and installation procedures are the responsibility of Air 2000 Limited.

ISSUE	1	2	3	4	5	6
DRN:	0088					
DATE	15 Apr 2002					
COMPILED BY:	A DOLBY					
CHECKED BY:	A L H					
DESIGN APP:	A M D					

MODIFICATION EMBODIMENT INSTRUCTIONS

B. REVISION DETAILS:

WRITE BELOW A BRIEF SUMMARY OF THE CHANGES WHICH HAVE BEEN INTRODUCED AT THE STATED REVISION:

ISSUE	DESCRIPTION
1	NEW ISSUE

MODIFICATION EMBODIMENT INSTRUCTIONS

C. CONTENTS:

SEC.	DESCRIPTION	PAGE No
A.	TITLE PAGE	1
B.	REVISION STATUS	2
C.	CONTENTS	3
D1.	ACCOMPLISHMENT INSTRUCTIONS – PREPARATION	4
D2.	ACCOMPLISHMENT INSTRUCTIONS – CABIN WIRING INSTL'N	5
E.	DRAWINGS & DOCUMENTS REQUIRED	6
F.	SPECIAL TOOLS REQUIRED	7
G.	ESTIMATED TIME REQUIRED	7
H.	PARTS REQUIRED	8
J.	REPORT SHEET	9
	APPENDIX A – SERVICEABLE ITEM SHEET	10
	QUERY NOTE BLANK	11

MODIFICATION EMBODIMENT INSTRUCTIONS

D1. ACCOMPLISHMENT INSTRUCTIONS		
PREPARATION (EQUIPMENT (CABLE) REMOVAL)		
	MECH SIG.	INSP STAMP
D1.0	Carry out all procedures in accordance with the relevant sections of the Airplane Maintenance Manual (AMM)	
D1.1	Remove the existing complement of seat-to-seat cables, check for serviceability, Re-certify and retain for re-installation.	
D1.2	Remove the existing Seat Electronics Boxes from the ship set of Sicma seats.	
D1.3	Intentionally left blank	
D1.4	Intentionally left blank	
D1.5	Intentionally left blank	
D1.6	Intentionally left blank	
D1.7	Intentionally left blank	
D1.8	Intentionally left blank	
	END	

MODIFICATION EMBODIMENT INSTRUCTIONS

D2. ACCOMPLISHMENT INSTRUCTIONS – SECTION D2		
REWORK OF CABIN SEATING		
	MECH SIG.	INSP STAMP
D2.0	Carry out all procedures in accordance with the relevant sections of the Airplane Maintenance Manual (AMM)	
D2.1	Refer to DRG 0163-233-757: With the passenger seats installed install Matsushita Seat/Sidewall Cables as shown on reference DRG at Row 1 DEF Row 2 ABC Row 10ABC Row 12ABC Row 40ABC Row 40DEF	
D2.2	Refer to DRG 0163-233-757: Install Matsushita Seat Electronics Box (P/N RD-AX4312) to the Ship Set of seats in the space provided.	
D2.3	Refer to DRG 0163-233-757: Install Matsushita Seat Terminators at the following seat locations: Row 30 ABC Row 30 DEF Row 31 ABC Row 31 DEF	
D2.4	Refer to DRG 0163-233-757: Install Standard seat to seat cabling as shown on the reference drawing. Install seat-to-seat long cable at door 2R. (P/N RD-AM6826-7)	
D2.5	Intentionally left blank.	
	TESTING	
D2.6	Carry out a function test of the cabin audio entertainment systems	
D2.7	Connect a headphone to the armrest jack of each passenger seat	
D2.8	Ensure clear video audio with sufficient volume is heard on channels 1 and 2 on the passenger control unit.	
	END	

MODIFICATION EMBODIMENT INSTRUCTIONS

E. DOCUMENTS REQUIRED:

THE FOLLOWING DOCUMENTS ARE REQUIRED FOR EMBODIMENT OF MODIFICATION AES-757-050 PART C.

THE FOLLOWING AES DRAWINGS ARE REQUIRED:

DRAWING No	ISSUE	TITLE
0163-233-757	1	SEAT TO SEAT CABLE INSTALLATION

THE FOLLOWING EXISTING DOCUMENTS ARE REQUIRED FOR REFERENCE ONLY:

DOCUMENT No	ISSUE	TITLE
NONE		

MODIFICATION EMBODIMENT INSTRUCTIONS

F. SPECIAL TOOLS REQUIRED:

LIST OF SPECIALIST TOOLING REQUIRED TO EMBODY THESE INSTRUCTIONS.

<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>VENDOR</u>	<u>COMMENTS</u>
NO SPECIAL TOOLS REQUIRED			

G. ESTIMATED TIME REQUIRED:

The installation shall be carried out in conjunction with an aircraft C-Check. It is estimated that the installation will require approximately 10 hours.

MODIFICATION EMBODIMENT INSTRUCTIONS

H. PARTS LIST (MOD. NUMBER : AES-757-050 PART C, SEAT TO SEAT IFE VCABLE INSTL'N)									
LINE ITEM NO.	ACTION (ADD/ DELETE/ REWORK)	PART NUMBER COMMENT	QTY	DESCRIPTION	USED ON PART / WIRE BUNDLE	VENDOR / REMARKS	BATCH No (ENGINEER TO COMPLETE)	SERIAL No (ENGINEER TO COMPLETE)	INTRO./ CHANGE D AT ISSUE
1	ADD	RD-AM6839-7	1 ref	SEAT/S'WALL CABLE (70")	0163-233-757	1 EXIST			1
2	ADD	RD-AM6839-3	5 ref	SEAT'S'WALL CABLE (50")	0163-233-757	5 EXIST			1
3	ADD	RD-AM6826-1	72	SEAT/SEAT CABLE (55")	0163-233-757	70 EXIST			1
4	ADD	RD-AM6826-7	1 ref	SEAT/SEAT CABLE (110.5")	0163-233-757	1 EXIST			1
5	ADD	RD-AX4312	78	SEAT ELECTRONICS BOX	0163-233-757	76 EXIST			1
6	ADD	RD-AX4911	4 ref	TERMINATOIN PLUG	0163-233-757				1
7	ADD	SD511-2 ALT P55 x 1 ALT P55 x 2	A/R	DOUBLE SIDED TAPE	0163-233-757				1
8		END							

MODIFICATION EMBODIMENT INSTRUCTIONS

J. MEI - REPORT SHEET.

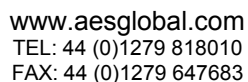
THE MEI REPORT SHEET IS PROVIDED FOR THE PURPOSE OF COMMUNICATING TO AES DESIGN OFFICE ANY IMPROVEMENTS / SUGGESTIONS ARISING FROM THE EMBODIMENT OF THE MODIFICATION.

REPORT SHEET	MEI No: MEI-055 MOD No: AES-757-050 'F'
AIRCRAFT TYPE:	
REGISTRATION AND SERIAL NUMBER:	
LOCATION:	
COMMENTS:	
PREPARED BY / DATE: _____	

MODIFICATION EMBODIMENT INSTRUCTIONS

APPENDIX A:- Serviceable Items Record Sheet (Photocopy additional sheets as reqd)

[illegible]



AES Limited
28 Golds Nurseries Business Park
Elsenham
Essex
CM22 6JX

<h1>QUERY NOTE</h1>		AES REF No:. QN-AES-.....-.....-..... (COMPLETED BY AES STAFF ONLY)
AIRCRAFT TYPE:.....	APPLICANTS NAME:.....	
REGISTRATION:.....	DATE:.....	
LOCATION:.....	APPLICANTS FAX No:.....	
DRAWING (S) / P/N AFFECTED:	APPLICANTS TEL No:.....	
GIVE FULL DETAILS, INCLUDE OR ATTACH RELEVANT SKETCHES		

DESIGN RESPONSE TO QUERY NOTE	
DRAWING (S) TO BE AMENDED YES / NO	DATE AMENDED:
(AEROSPACE ENGINEERING SOLUTIONS LIMITED DESIGN OFFICE USE ONLY)	
COMPILED BY:	APPROVED BY:

MODIFICATION EMBODIMENT INSTRUCTIONS

A. TITLE PAGE

TITLE: INSTALLATION OF GALLEY 1B

DATE COMPILED: 26.04.02

MODIFICATION NO.: AES-757-050 PART B

PROJECT NO.: PN 0056

EFFECTIVITY:	A/C TYPE	REGISTRATION	SERIAL NO.
	757-2YO	G-CPEP	25268 (NB322)

This document is issued for production engineering purposes.

The definitive design requirements are shown in mod AES-757-050, the contents of which override information contained in this MEI.

Differences resulting from existing repairs, variation in build standard or corrosion to be reported to AES Ltd Design Department.

Manufacturing processes and inspection and installation procedures are the responsibility of Air 2000 Limited.

ISSUE	1	2	3	4	5	6
DRN:	0088					
DATE	APR 2002					
COMPILED BY:	A DOLBY					
CHECKED BY:	L M D					
DESIGN APP:	A M D					

MODIFICATION EMBODIMENT INSTRUCTIONS

B. REVISION DETAILS:

WRITE BELOW A BRIEF SUMMARY OF THE CHANGES WHICH HAVE BEEN INTRODUCED AT THE STATED REVISION:

ISSUE	DESCRIPTION
1	NEW ISSUE

MODIFICATION EMBODIMENT INSTRUCTIONS

C. CONTENTS:

SEC.	DESCRIPTION	PAGE No
A.	TITLE PAGE	1
B.	REVISION STATUS	2
C.	CONTENTS	3
D1.	ACCOMPLISHMENT INSTRUCTIONS – GALLEY 1B INSTL'N	4
E.	DRAWINGS & DOCUMENTS REQUIRED	5
F.	SPECIAL TOOLS REQUIRED	6
G.	ESTIMATED TIME REQUIRED	6
H.	PARTS REQUIRED	7
J.	REPORT SHEET	8
	APPENDIX A – SERVICEABLE ITEM SHEET	9
	QUERY NOTE BLANK	10

MODIFICATION EMBODIMENT INSTRUCTIONS

D1. ACCOMPLISHMENT INSTRUCTIONS		
GALLEY 1B INSTALLATION		
	MECH SIG.	INSP STAMP
Carry out all procedures in accordance with the relevant sections of the Airplane Maintenance Manual (AMM)		
D1.0 Ref DRG 0160-253-757 Install the Galley 1B P/N 7572AZ1BMK01 as shown in reference drawing in conjunction with AIM Aviation (Henshall's) DRG 7572AZ1BMK01.		
D1.1 Verify the trim panel is fitted to the forward face.		
D1.2 For LCD Monitor installation refer to MEI-057	N/A	N/A
D1.3 For Delethatisation Pad installation refer to MEI-052	N/A	N/A
D1.4 Intentionally left blank.		
D1.5 Intentionally left blank.		
D1.6 Intentionally left blank.		
D1.7 Intentionally left blank.		
END		

MODIFICATION EMBODIMENT INSTRUCTIONS

E. DOCUMENTS REQUIRED:

THE FOLLOWING DOCUMENTS ARE REQUIRED FOR EMBODIMENT OF MODIFICATION AES-757-050 PART B.

THE FOLLOWING AES DRAWINGS ARE REQUIRED:

DRAWING No	ISSUE	TITLE
0160-253-757	1	GALLEY 1B INSTALLATION

THE FOLLOWING ADDITIONAL DOCUMENTS ARE REQUIRED FOR REFERENCE ONLY:

DOCUMENT No	ISSUE	TITLE
7572AZ1BMK01	N/A	AIM AVIATION G.A. DRG (Ref Only)

MODIFICATION EMBODIMENT INSTRUCTIONS

F. SPECIAL TOOLS REQUIRED:

LIST OF SPECIALIST TOOLING REQUIRED TO EMBODY THESE INSTRUCTIONS.

<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>VENDOR</u>	<u>COMMENTS</u>
NO SPECIAL TOOLS REQUIRED			

G. ESTIMATED TIME REQUIRED:

The equipment removal / installation shall be carried out in conjunction with an aircraft maintenance check. It is estimated that the installation will require approximately 5 hours.

MODIFICATION EMBODIMENT INSTRUCTIONS

H. PARTS LIST (MOD. NUMBER : AES-757-050 PART B, GALLEY 1B INSTL'N)									
LINE ITEM NO.	ACTION (ADD/ DELETE/ REWORK)	PART NUMBER COMMENT	QTY	DESCRIPTION	USED ON PART / WIRE BUNDLE	VENDOR / REMARKS	BATCH No (ENGINEER TO COMPLETE)	SERIAL No (ENGINEER TO COMPLETE)	INTRO./ CHANGE D AT ISSUE
1	ADD	7572AZ1BMK01	1	GALLEY 1B	0160-253-757	AIM			1
2	--	--		GALLEY 1B INSTL'N	0160-253-757				1
3	ADD	40191-10	4	.FLOOR FITTING	0160-253-757	ANCRA			1
4	ADD	H10-6	4	.STIFFNUT	0160-253-757				1
5	ADD	SP10J	4	.WASHER	0160-253-757				1
6	ADD	A15621-22	4	.FLOOR FTG COVER	0160-253-757	AIM			1
		END							

MODIFICATION EMBODIMENT INSTRUCTIONS

J. MEI - REPORT SHEET.

THE MEI REPORT SHEET IS PROVIDED FOR THE PURPOSE OF COMMUNICATING TO AES DESIGN OFFICE ANY IMPROVEMENTS / SUGGESTIONS ARISING FROM THE EMBODIMENT OF THE MODIFICATION.

REPORT SHEET	MEI No: MEI-056 MOD No: AES-757-050 'B'
AIRCRAFT TYPE:	
REGISTRATION AND SERIAL NUMBER:	
LOCATION:	
COMMENTS:	
PREPARED BY / DATE: _____	

MODIFICATION EMBODIMENT INSTRUCTIONS

APPENDIX A:- Serviceable Items Record Sheet (Photocopy additional sheets as reqd)

[illegible]



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FAX: 44 (0)1279 647683

AES Limited
28 Golds Nurseries Business Park
Elsenham
Essex
CM22 6JX

QUERY NOTE

AES REF No.:

QN-AES-.....-.....-.....

(COMPLETED BY AES STAFF ONLY)

AIRCRAFT TYPE:.....

APPLICANTS NAME:.....

REGISTRATION:.....

DATE:.....

LOCATION:.....

APPLICANTS FAX No:.....

DRAWING (S) / P/N AFFECTED:

APPLICANTS TEL No:.....

.....

GIVE FULL DETAILS, INCLUDE OR ATTACH RELEVANT SKETCHES

DESIGN RESPONSE TO QUERY NOTE

DRAWING (S) TO BE AMENDED YES / NO

DATE AMENDED:

(AEROSPACE ENGINEERING SOLUTIONS LIMITED DESIGN OFFICE USE ONLY)

COMPILED BY:

APPROVED BY:

MODIFICATION EMBODIMENT INSTRUCTIONS

A. TITLE PAGE

TITLE: INSTALLATION OF BULKHEAD MOUNTED LCD SCREENS

DATE COMPILED: APRIL 2002

MODIFICATION NO.: AES-757-050 PT C

PROJECT NO.: PN 0056

EFFECTIVITY:	A/C TYPE	REGISTRATION	SERIAL NO.
	B757-2YO	G-CPEP	25268 (NB322)

This document is issued for production engineering purposes.

The definitive design requirements are shown in mod AES-757-050 PT C, the contents of which override information contained in this MEI.

Differences resulting from existing repairs, variation in build standard or corrosion to be reported to AES Ltd Design Department.

Manufacturing processes and inspection and installation procedures are the responsibility of
AIR2000 Ltd

ISSUE	1	2	3	4	5	6
DRN:	0097	0139				
DATE	APR 2002	JUNE 2002				
COMPILED BY:	A HEISSIG	L DONALD				
CHECKED BY:	ADB	ALH				
DESIGN APP:	ALH	AMD				

MODIFICATION EMBODIMENT INSTRUCTIONS

B. REVISION DETAILS:

WRITE BELOW A BRIEF SUMMARY OF THE CHANGES WHICH HAVE BEEN INTRODUCED AT THE STATED REVISION:

ISSUE	DESCRIPTION
1	NEW ISSUE
2	PARAGRAPHS D2.5, D3.8 AND D3.9 AMENDED SECTION E AMENDED TO REFLECT LATEST DOCUMENTS REQUIRED SECTION H AMENDED TO REFLECT PART NUMBER CHANGES ALL CHANGES HIGHLIGHTED WITH A VERTICAL MARGINAL LINE

MODIFICATION EMBODIMENT INSTRUCTIONS

C. CONTENTS:

SEC.	DESCRIPTION	PAGE No
A.	TITLE PAGE	1
B.	REVISION STATUS	2
C.	CONTENTS	3
D1.	ACCOMPLISHMENT INSTRUCTIONS – PREPARATION	4
D2.	ACCOMPLISHMENT INSTRUCTIONS – INSTALLATION	5
D3.	ACCOMPLISHMENT INSTRUCTIONS – TESTING	7
E.	DRAWINGS & DOCUMENTS REQUIRED	8
F.	SPECIAL TOOLS REQUIRED	9
G.	ESTIMATED TIME REQUIRED	9
H.	PARTS REQUIRED	10
J.	REPORT SHEET	13
	APPENDIX A – SERVICEABLE PARTS RECORD SHEET	14
	QUERY NOTE BLANK	15

MODIFICATION EMBODIMENT INSTRUCTIONS

D1. ACCOMPLISHMENT INSTRUCTIONS - PREPARATION		
	MECH SIG.	INSP STAMP
D1.0 Prior to starting perform a Video System operational test IAW AMM 23-33-00 p.block 501. Ensure the video system is operational.		
D1.1 Remove aircraft power IAW AMM 24-22-00 p.block 201.		
D1.2 Remove ceiling panel around forward drop down monitor position and station 400 IAW AMM 25-22-02 p.block 401.		

MODIFICATION EMBODIMENT INSTRUCTIONS

D2. ACCOMPLISHMENT INSTRUCTIONS – INSTALLATION		
	MECH SIG.	INSP STAMP
<p>D2.0 Ref AES Dwg 0185-233-757:</p> <p>Cut back insulation and install stringer clip assembly (P/N BACS38P5) at stringer 1 and 2R at STA 400. Manufacture and install support plate assembly (P/N 0185-233-757-049) and attach at 4 places using screw (P/N NAS603-8). Install Interface Box (P/N RD-AV4004) to support plate anchor nuts at 4 places using screw (P/N NAS603-8). Repair insulation around STA 400 IAW the AMM approved procedure.</p>		
<p>D2.1 Ref AES Dwg 0185-233-757:</p> <p>At G1B galley IAW reference drawing, mark off and drill fixing holes. Pot 4 off inserts (P/N NAS1836-3-11) using adhesive (P/N Araldite 420A/B) as required. Allow to cure. Manufacture and install 2 off bracket (P/N 0185-233-757-013) and 2 off bracket assembly (P/N 0185-233-757-067). Install LCD (P/N RD-AV7901-01) IAW reference drawing.</p>		
<p>D2.2 Ref AES Dwg 0185-233-757:</p> <p>At 1L bulkhead IAW reference drawing, mark off and drill fixing holes. Pot 4 off inserts (P/N NAS1836-3-11) using adhesive (P/N Araldite 420A/B) as required. Allow to cure. Manufacture and install 2 off bracket (P/N 0185-233-757-013) and 2 off bracket assembly (P/N 0185-233-757-067). Install LCD (P/N RD-AV7901-01) IAW reference drawing.</p> <p>NOTE: PRIOR TO DRILLING ENSURE THAT HOLE POSITIONS WILL NOT INTERFERE WITH EXISTING 'A' FRAME STRUCTURE OF THE BULKHEAD.</p>		
<p>D2.3 Ref AES Dwg 0186-233-757 & 0187-233-757:</p> <p>Manufacture cable assemblies 0187-233-757-001, -003 and -005 IAW reference drawing. Ident individual wires IAW wiring diagram 0186-233-757. Carry out continuity and resistance checks on new cable assemblies. Bag all connectors to be made off on the aircraft.</p>		
<p>D2.4 Ref AES Dwg 0186-233-757:</p> <p>Locate Fwd Centreline Monitor and disconnect existing connector identified D1853 and D1305 from monitor, re-route wire bundle to connector J1 and J2 respectively on the interface box @ STA 400.0. Re-connect IAW reference drawing.</p>		
<p>D2.5 Ref AES Dwg 0185-233-757 & 0186-233-757:</p> <p>From Fwd centreline monitor connectors install cable assembly (P/N 0187-233-757-005) and route bundle to interface box @ STA 400. Terminate connectors IAW reference wiring diagram to connector J4 and J5 on the interface box.</p>		

MODIFICATION EMBODIMENT INSTRUCTIONS

D2. ACCOMPLISHMENT INSTRUCTIONS – INSTALLATION		
	MECH SIG.	INSP STAMP
<p>D2.6 Ref AES Dwg 0185-233-757 & 0186-233-757:</p> <p>From Interface box connector J7 and J8 route cable assy (P/N 0187-233-757-003) to G1B galley LCD monitor SWPM D6-54446. Make off connector at monitor but do not connect to LCD until after power checks.</p> <p>NOTE: Use existing wire bundle route where possible. Cross power cables at 90°. Avoid control cables and protect loom with spiral-wrap or conduit where necessary.</p>		
<p>D2.7 Ref AES Dwg 0185-233-757 & 0186-233-757:</p> <p>From Interface box connector J10 and J11 route cable assy (P/N 0187-233-757-001) to 1L Bulkhead LCD monitor IAW SWPM D6-54446. Make off connector at monitor but do not connect to LCD until after power checks.</p> <p>NOTE: Use existing wire bundle route where possible. Cross power cables at 90°. Avoid control cables and protect loom with spiral-wrap or conduit where necessary.</p>		
<p>D2.8 Carry out power checks IAW Section 3.</p>		

MODIFICATION EMBODIMENT INSTRUCTIONS

D3. ACCOMPLISHMENT INSTRUCTIONS – TESTING		
	MECH SIG.	INSP STAMP
D3.0 Apply aircraft power IAW AMM 24-22-00 p.block 201		
D3.1 Ensure all the relevant VIDEO system circuit breakers are closed.		
D3.2 Power-up the Video system IAW AMM 23-32-00.		
D3.3 Ref AES Dwg 0186-233-757: At G1B galley LCD monitor locate plug ident AES-D9025. Check for 115V AC on pin 1 Check for 28V DC on pin 2. Check for GND on pins 3, 4 and 5.		
D3.4 Ref AES Dwg 0186-233-757: At 1L Bulkhead LCD monitor locate plug ident AES-D9023. Check for 115V AC on pin 1 Check for 28V DC on pin 2. Check for GND on pins 3, 4 and 5.		
D3.5 De-energise the Video system IAW AMM 23-32-00.		
D3.6 Ref AES Dwg 0185-233-757 & 0186-233-757: Connect the applicable connectors to the G1B and 1L bulkhead monitors IAW the reference wiring diagram and install shroud (P/N 300-1200) IAW drawing 0185-233-757.		
D3.7 Energise the Video system IAW AMM 23-32-00.		
D3.8 Insert videotape into the video player and play. Ensure a picture is present on all monitors. Ensure the picture displayed on the G1B galley, 1L bulkhead LCD monitors and fwd centreline monitor is clear and not distorted.		
D3.9 Carry out an operational test on the following aircraft systems with the video system running and ensure no anomalies are present on the systems under test. Report any anomalies to AES Design Department. VHF System 1, 2 and 3 AMM 23-12-00 p.block 501 HF system 1 & 2 AMM 23-11-00 p.block 501		
D3.10 De-energise the Video system IAW AMM 23-32-00.		
D3.11 Clear all tools and re-install all removed panels.		
D3.12 Remove aircraft power if not required (AMM 24-22-00 p.block 201)		

MODIFICATION EMBODIMENT INSTRUCTIONS

E. DOCUMENTS REQUIRED:

THE FOLLOWING DOCUMENTS ARE REQUIRED FOR EMBODIMENT OF MODIFICATION AES-757-050 Pt C.

DRAWING No	TITLE
0185-233-757	LCD MONITOR INSTALLATION (FWD LH/RH)
0186-233-757	W/D: LCD MONITOR INSTALLATION (FWD LH/RH)
0187-233-757	MONITOR LOOM ASSEMBLY

NOTE: REFER TO MODIFICATION SHEET (AES-757-050) FOR LATEST DRAWING ISSUE

MODIFICATION EMBODIMENT INSTRUCTIONS

F. SPECIAL TOOLS REQUIRED:

LIST SPECIALIST TOOLING REQUIRED TO EMBODY THESE INSTRUCTIONS.

<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>VENDOR</u>	<u>COMMENTS</u>
		NONE	

G. ESTIMATED TIME REQUIRED:

TBA

MODIFICATION EMBODIMENT INSTRUCTIONS

H. PARTS LIST (MOD. NUMBER: AES-757-050 PART C)									
LINE ITEM NO.	ACTION (ADD/DELETE/REWORK)	PART NUMBER COMMENT	QTY	DESCRIPTION	USED ON PART / WIRE BUNDLE	VENDOR / REMARKS	BATCH No (ENGINEER TO COMPLETE)	SERIAL No (ENGINEER TO COMPLETE)	INTRO./CHANGED AT ISSUE
1	ADD	BACC45FT12-12S	3	CONNECTOR PLUG	0187-233-757	BOEING			1
2	ADD	RBD-75-S-00	6	CONNECTOR, CO-AXIAL (BNC)	0187-233-757	RAYCHEM			2
3	ADD	BACT12AR224	3	RING TERMINAL #10	0187-233-757	BOEING			1
4	ADD	L14TL12P6NA	3	CONNECTOR PLUG	0187-233-757	BOEING			1
5	ADD	BMS13-60T01C01G022	360FT	WIRE SINGLE CORE 22 AWG	0187-233-757	BOEING			1
6	ADD	BMS13-60T01C01G020	120FT	WIRE SINGLE CORE 20AWG	0187-233-757	BOEING			1
7	ADD	7530A1317-9	60FT	CO-AXIAL CABLE	0187-233-757	RAYCHEM			2
8	ADD	TMS-1/4-4	6	MARKER SLEEVE, HTSHRK YEL	0187-233-757				1
9	ADD	TMS-1/2-4	9	MARKER SLEEVE, HTSHRK YEL	0187-233-757				1
10	ADD	TY25M	A/R	TY-RAP	0187-233-757				1
11	ADD	P-262	A/R	PERMACELL INSULATING TAPE	0187-233-757				1
12	ADD	300-1200	2	MONITOR SHROUD	0185-233-757	FLITETEC			1
13	ADD	NAS603-6	8	BOLT, 10-32	0185-233-757	BOEING			1
14	ADD	NAS1149D0332J	24	WASHER, NO10	0185-233-757				1

MODIFICATION EMBODIMENT INSTRUCTIONS

H. PARTS LIST (MOD. NUMBER: AES-757-050 PART C)									
LINE ITEM NO.	ACTION (ADD/DELETE/REWORK)	PART NUMBER COMMENT	QTY	DESCRIPTION	USED ON PART / WIRE BUNDLE	VENDOR / REMARKS	BATCH No (ENGINEER TO COMPLETE)	SERIAL No (ENGINEER TO COMPLETE)	INTRO./CHANGED AT ISSUE
15	ADD	D436-36	3	SPLICE	0187-233-757	BOEING			1
16	ADD	0185-233-757-013	4	BRACKET	0185-233-757	MONARCH TO MANUFACTURE			1
17	ADD	NAS517-2-2 ALT P/N NAS1102-08-7	8	SCREW,CSK 8-32	0185-233-757	BOEING			
18	ADD	NAS601-4	8	SCREW, 6-32	0185-233-757	MAS			1
19	ADD	RD-AV7901-01	2	LCD MONITOR	0185-233-757	MAS			1
20	ADD	NAS1836-3-11	8	INSERT, 10-32	0185-233-757				1
21	ADD	ARALDITE 420A/B	A/R	ADHESIVE	0185-233-757				1
22	ADD	BACS38P5	4	STRINGER CLIP ASSY	0185-233-757	BOEING			1
23	ADD	RD-AV4004	1	INTERFACE BOX	0185-233-757	MAS			1
24	ADD	RD-AV4906	1	TERMINATION PLUG	0185-233-757	MAS			1
25	ADD	NAS603-8	8	SCREW, 10-32	0185-233-757				1
26	ADD	0185-233-757-051	1	SUPPORT PLATE	0185-233-757-049	MONARCH TO MANUFACTURE			1
27	ADD	F5000-3 ALT P/N BACN10JN3	4	ANCHOR NUT, 10-32	0185-233-757-049				2
28	ADD	MS20426AD3-10	12	RIVET, 3-32 CSK HD	0185-233-757-049				1
29	ADD	287T0011-1	A/R	ADJUSTABLE CLAMP	0185-233-757	BOEING			1

MODIFICATION EMBODIMENT INSTRUCTIONS

H. PARTS LIST (MOD. NUMBER: AES-757-050 PART C)									
LINE ITEM NO.	ACTION (ADD/ DELETE/ REWORK)	PART NUMBER COMMENT	QTY	DESCRIPTION	USED ON PART / WIRE BUNDLE	VENDOR / REMARKS	BATCH No (ENGINEER TO COMPLETE)	SERIAL No (ENGINEER TO COMPLETE)	INTRO./ CHANGED AT ISSUE
30	ADD	HCTE-500-0	A/R	CONDUIT TUBING	0185-233-757	OR EQUIV.			1
31	ADD	0185-233-757-069	4	BRACKET	0185-233-757-067	MONARCH TO MANUFACTURE			1
32	ADD	F5000-2 ALT P/N BACN10JN08	8	ANCHOR NUT, 8-32	0185-233-757-067				2
33	ADD	NAS1149DN632J	8	WASHER, No 6	0185-233-757				1

MODIFICATION EMBODIMENT INSTRUCTIONS

J. MEI - REPORT SHEET.

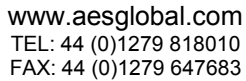
THE MEI REPORT SHEET IS PROVIDED FOR THE PURPOSE OF COMMUNICATING TO AES DESIGN OFFICE ANY IMPROVEMENTS / SUGGESTIONS ARISING FROM THE EMBODIMENT OF THE MODIFICATION.

REPORT SHEET	MEI No: MEI-..... MOD No: AES-.....-.....
AIRCRAFT TYPE:	
REGISTRATION AND SERIAL NUMBER:	
LOCATION:	
COMMENTS:	
PREPARED BY / DATE: _____	

MODIFICATION EMBODIMENT INSTRUCTIONS

APPENDIX A:- Serviceable Items Record Sheet (Photocopy additional sheets as reqd)

[illegible]



AES Limited
28 Golds Nurseries Business Park
Elsenham
Essex
CM22 6JX

DESIGN RESPONSE TO QUERY NOTE	
DRAWING (S) TO BE AMENDED YES / NO	DATE AMENDED:
(AEROSPACE ENGINEERING SOLUTIONS LIMITED DESIGN OFFICE USE ONLY)	
COMPILED BY:	APPROVED BY:

MODIFICATION EMBODIMENT INSTRUCTIONS

A. TITLE PAGE

TITLE: REWORK & INSTALLATION OF 1L CLOSET

DATE COMPILED: 26.04.02

MODIFICATION NO.: AES-757-050 PART L

PROJECT NO.: PN 0056

EFFECTIVITY:

A/C TYPE	REGISTRATION	SERIAL NO.
757-2YO	G-CPEP	25268 (NB322)

This document is issued for production engineering purposes.

The definitive design requirements are shown in mod AES-757-050, the contents of which override information contained in this MEI.

Differences resulting from existing repairs, variation in build standard or corrosion to be reported to AES Ltd Design Department.

Manufacturing processes and inspection and installation procedures are the responsibility of Air 2000 Limited.

ISSUE	1	2	3	4	5	6
DRN:	0088	0109				
DATE	APR 2002	APR 2002				
COMPILED BY:	A DOLBY	L. DONALD				
CHECKED BY:	L M D	A L H				
DESIGN APP:	A M D	M A E				

MODIFICATION EMBODIMENT INSTRUCTIONS

B. REVISION DETAILS:

WRITE BELOW A BRIEF SUMMARY OF THE CHANGES WHICH HAVE BEEN INTRODUCED AT THE STATED REVISION:

ISSUE	DESCRIPTION
1	NEW ISSUE
2	DRAWING ISSUE STATUS AMENDED PART LIST LINE ITEMS 2 AND 3 AMENDED

MODIFICATION EMBODIMENT INSTRUCTIONS

C. CONTENTS:

SEC.	DESCRIPTION	PAGE No
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B.	REVISION STATUS	2
C.	CONTENTS	3
D1.	ACCOMPLISHMENT INSTRUCTIONS – BULKHEAD INSTL'N	4
E.	DRAWINGS & DOCUMENTS REQUIRED	5
F.	SPECIAL TOOLS REQUIRED	6
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MODIFICATION EMBODIMENT INSTRUCTIONS

D1. ACCOMPLISHMENT INSTRUCTIONS		
1L BULKHEAD INSTALLATION		
	MECH SIG.	INSP STAMP
D1.0	Ref DRG 0190-252-757 Rework the existing 1L Closet Assy P/N 413N3205-148 as shown in the reference drawing by removing the closet structure from the aft face.	
D1.1	Ref DRG 0190-252-757 Fabricate the following: 2 x Spreader Plate P/N 0190-252-757-013 1 x Nut Plate Assembly P/N 0190-252-757-039	
D1.2	Ref DRG 0190-252-757 Install the following items as shown on reference drawing: Note Assemble fitting wet with BMS5-95. 6 x 10-32 CSK Bolt P/N NAS517-3-21 (ALT NAS583-21 / NAS1790-3-21 / BACB30NN3-21) 4 x 10-32 Bolt P/N NAS603-8 6 x Washer P/N NAS1149DO316K (ALT NAS1149D0316M) 2 x Fitting P/N 501300-1 (ALT P/N 43865-10) 2 x 1/4 Bolt P/N NAS6604-17 2 x 1/4 Stiff Nut P/N MS21042L4 4 x 1/4 Washer P/N AN960KD416J (ALT NAS1149KD416K)	
D1.3	Ref DRG 0190-252-757 Re-ident the bulkhead 0190-252-757-003 adjacent to the existing data plate.	
D1.4	Ref DRG 0190-252-757 Install the Bulkhead assembly P/N 0190-252-757-003 as shown on reference drawing. Affix the lower carpet kick strip to the lower aft face of the panel using double-sided tape. Produce cutouts for the floor fittings (2 places) to suit.	
D1.5	Re-Install the existing double attendant seat and all associated parts IAW AMM CH 25-25-02/401	
D1.6	Intentionally left blank.	
	END	

MODIFICATION EMBODIMENT INSTRUCTIONS

E. DOCUMENTS REQUIRED:

THE FOLLOWING DOCUMENTS ARE REQUIRED FOR EMBODIMENT OF MODIFICATION AES-757-050 PART L.

THE FOLLOWING AES DRAWINGS ARE REQUIRED:

DRAWING No	ISSUE	TITLE
0190-252-757	2	1L BULKHEAD REWORK/INSTALLATION

THE FOLLOWING ADDITIONAL DOCUMENTS ARE REQUIRED FOR REFERENCE ONLY:

DOCUMENT No	ISSUE	TITLE
413N3201-31	N/A	1L CLOSET INSTALLATION
413N3205-148	N/A	CLOSET ASSY

MODIFICATION EMBODIMENT INSTRUCTIONS

F. SPECIAL TOOLS REQUIRED:

LIST OF SPECIALIST TOOLING REQUIRED TO EMBODY THESE INSTRUCTIONS.

<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>VENDOR</u>	<u>COMMENTS</u>
--------------------	--------------------	---------------	-----------------

NO SPECIAL TOOLS
REQUIRED

G. ESTIMATED TIME REQUIRED:

The equipment removal / installation shall be carried out in conjunction with an aircraft maintenance check. It is estimated that the installation will require approximately 25 hours.

MODIFICATION EMBODIMENT INSTRUCTIONS

H. PARTS LIST (MOD. NUMBER : AES-757-050 PART L, 1L BULKHEAD INSTL'N)

LINE ITEM NO.	ACTION (ADD/ DELETE/ REWORK)	PART NUMBER COMMENT	QTY	DESCRIPTION	USED ON PART / WIRE BUNDLE	VENDOR / REMARKS	BATCH No (ENGINEER TO COMPLETE)	SERIAL No (ENGINEER TO COMPLETE)	INTRO./ CHANGE D AT ISSUE
1	REWORK	0190-252-757-001 (MAKE FROM 413N3205-148)	1	BULKHEAD	0190-253-757				1
2	ADD	0190-252-757-009	2	FITTING	0190-253-757				1
3	ADD	0190-252-757-011	6	BUSH	0190-253-757				1
4	ADD	0190-252-757-013	2	SPREADER PLATE 7075-T6 AMS4049	0190-253-757	LOCALLY MANUF			1
5	---	---	---	---					1
6	ADD	NAS517-3-21 ALT NAS583-21 ALT NAS1790-3-21 ALT BACB30NN3-21	6	CSK HD BOLT, 1/4",	0190-253-757				1
7	ADD	NAS603-8	4 REF	10-32 PAN HD BOLT	0190-253-757	EXISTING			1
8	ADD	NAS1149D0316K ALT NAS1149D0316M	6	No10 WASHER	0190-253-757				1

MODIFICATION EMBODIMENT INSTRUCTIONS

H. PARTS LIST (MOD. NUMBER : AES-757-050 PART L, 1L BULKHEAD INSTL'N)									
LINE ITEM NO.	ACTION (ADD/ DELETE/ REWORK)	PART NUMBER COMMENT	QTY	DESCRIPTION	USED ON PART / WIRE BUNDLE	VENDOR / REMARKS	BATCH No (ENGINEER TO COMPLETE)	SERIAL No (ENGINEER TO COMPLETE)	INTRO./ CHANGE D AT ISSUE
9	ADD	43865-10 ALT 501300-1	2	TRACK FITTING	0190-253-757				1
10	ADD	NAS6604-17	2	HEX HDBOLT, 1/4"	0190-253-757				1
11	ADD	MS21042L4	2	STIFFNUT	0190-253-757				1
12	ADD	AN960KD416L ALT NAS1149	4	WASHER 1/4OD	0190-253-757				1
13	ADD	ACIKS00115	A/R	KICK STRIP	0190-253-757				1
14	ADD	-041	1	NUT PLATE	0190-253-757-039	LOCALLY MANUF.			
15	ADD	BACN10KA3BS	1	10-32 ANCHOR NUT	0190-253-757-039				
16	ADD	MS20426AD3-3	2	3/32 CSK HD RIVET	0190-253-757-039				
		END							

MODIFICATION EMBODIMENT INSTRUCTIONS

J. MEI - REPORT SHEET.

THE MEI REPORT SHEET IS PROVIDED FOR THE PURPOSE OF COMMUNICATING TO AES DESIGN OFFICE ANY IMPROVEMENTS / SUGGESTIONS ARISING FROM THE EMBODIMENT OF THE MODIFICATION.

REPORT SHEET	MEI No: MEI-056 MOD No: AES-757-050 'L'
AIRCRAFT TYPE:	
REGISTRATION AND SERIAL NUMBER:	
LOCATION:	
COMMENTS:	
PREPARED BY / DATE: _____	

MODIFICATION EMBODIMENT INSTRUCTIONS

APPENDIX A:- Serviceable Items Record Sheet (Photocopy additional sheets as reqd)

[illegible]

QUERY NOTE		AES REF No:. QN-AES-.....-.....-..... (COMPLETED BY AES STAFF ONLY)
AIRCRAFT TYPE:.....	APPLICANTS NAME:.....	
REGISTRATION:.....	DATE:.....	
LOCATION:.....	APPLICANTS FAX No:.....	
DRAWING (S) / P/N AFFECTED:	APPLICANTS TEL No:.....	
GIVE FULL DETAILS, INCLUDE OR ATTACH RELEVANT SKETCHES		

DESIGN RESPONSE TO QUERY NOTE	
DRAWING (S) TO BE AMENDED YES / NO	DATE AMENDED:
(AEROSPACE ENGINEERING SOLUTIONS LIMITED DESIGN OFFICE USE ONLY)	
COMPILED BY:	APPROVED BY:

TECHNICAL REPORT

**TITLE: REVIEW OF ENTRY INTO SERVICE
MODIFICATIONS – G-CPEP (S/N 25268)**

WRITTEN: A HEISSIG

CHECKED: A DOLBY

APPROVED: M A EVANS

DRN: 0088

PROJECT No: 0056

TECHNICAL REPORT

CIRCULATION:

Air 2000 Ltd	(1)
File	(1)

REVISION STATUS:

ISSUE 1 APRIL 2002

REVISION DETAILS:

ISSUE 1 – NEW ISSUE

TECHNICAL REPORT

INDEX

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2.0	REVIEW OF EXISTING OMNIBUS MONARCH MODIFICATION MON/757/25/2818 (AAN 28135).	4
3.0	REVIEW OF OPERATOR EMBODIED ENTRY INTO SERVICE ENGINEERING ORDERS:	5
4.0	SUMMARY	6

TECHNICAL REPORT

1.0 INTRODUCTION

This report provides substantiation for the modifications embodied on the subject aircraft prior to entry into service. The report also includes a review of existing omnibus Monarch Modification MON/757/25/2818 (AAN 28135).

2.0 REVIEW OF EXISTING OMNIBUS MONARCH MODIFICATION MON/757/25/2818 (AAN 28135).

The subject modification was raised by Monarch Aircraft Engineering pending return of the aircraft to the owner prior to export to the United States of America. Subsequently the aircraft was leased to the new operator (Air 2000 Ltd). The following table details the current embodiment status of the modifications on the aircraft under cover of the omnibus modification and their eligibility for remaining on the aircraft.

MON Mod Number	Action	Justification
MON/757/25/2788: Removal of BA Equipment and Galleys	Retained	Superseded
MON/757/25/2789: Instl'n of Galley 1A and 4B	Retained	UK CAA AAN No 28135 refers.
MON/757/25/2790: Intro of 228Y Pax Seating Config.	Deleted	Configuration superseded by modification No.AES-757-050 Part E (AES Ltd AD/1833/01)
MON/757/25/2791: Re-Position of Lav 'S'	Deleted	Superseded by modification No. AES-757-050 Part G (AES Ltd AD/1833/01)
MON/757/25/2793: Instl'n of New Floor Coverings	Retained	Superseded by modification No AES-757-050 Part A (Cabin) (AES Ltd AD/1833/01).
MON/757/25/2794: Instl'n of Emergency Equipment	Removed	Superseded by AES-757-050 Part D (AES Ltd AD/1833/01).
MON/757/25/2795: Installation of Track Mounted Double Attendants Seat	Retained	UK CAA AAN No 28135 refers.
MON/757/25/2796: Removal of Previous Operator Modifications	Removed	See Section 3

TECHNICAL REPORT

MON Mod Number	Action	Justification
MON/757/23/2798: In-Flight Entertainment Installation	Retained	Carried out by Monarch Aircraft Engineering (UK CAA Appr ref: DAI/8021/68) and in accordance with AIL11-26. The Flight Deck installed Video PWR switch is retained as an additional safety feature.

3.0 REVIEW OF OPERATOR EMBODIED ENTRY INTO SERVICE ENGINEERING ORDERS

The following Engineering Orders have been raised by the operator to align the aircraft with their current fleet standard and where applicable to revert the aircraft back to UK CAA standard post Monarch Aircraft Engineering Modification MON/757/25/2818.

EO Number	Description	Justification
757-27A0086R2	Elevator PCA Reaction Links – Rod End Bearings Insp & Replacement	Embodiment of SB 757-27A0086R2
757-SL-00-010	Loadable Software Diskette/Media Binders	Embodiment of Service Information Letter SIL 757-SL-00-010
ATT/757/1028	Addition Of Fold Down Table At STN 365	UK CAA APPROVAL No 9/217/6268
ATT/757/1060	Addition Of New Tech Log Stowage's	UK CAA APPROVAL No 9/217/6331
EO757-11-013R1	Placards – Provision Of Freight Bay Markings	UK CAA APPROVAL No 9/217/7030
EO757-21-014	B757 – Introduction Of One-Piece HEP A Recirculation System Filters	BOEING instruction ATZ-MAN-01-00185H
EO757-25-067	Stowage Installation For Mobile Phone	UK CAA APPROVAL No 9/217/5139
EO757-25-073	Installation Of Delethalisation Pads	EO raised to cover AES Ltd modification AES-757-050 Pt A.
EO757-25-100	Modification To 757 Entry And Service Door Reveal Assy	UK CAA APPROVAL No 9/217/M/5231
EO757-25-119	Introduction Of Spring Clip To Hold Take Off/Landing Card	UK CAA APPROVAL No 9/218/M/5285

TECHNICAL REPORT

EO Number	Description	Justification
EO757-25-120R2	Introduction Of Oil Can Stowage	UK CAA APPROVAL No 9/218/M/5286
EO757-25-142	Installation Of Mirror On Flight Deck Door	UK CAA APPROVAL No 9/218/M/5303
EO757-31-020	Installation Of ARINC 600 Optical Quick Access Recorder	UK CAA APPROVAL No 9/218/M/5311
EO757-31-021	Introduction Of CAA Aural Warnings	UK CAA APPROVAL No 9/218/M/5321
EO757-34-017	To Reposition The Flight Mode Annunciator Display Of The EADI	UK CAA APPROVAL No 9/218/M/5156
EO757-34-022B	EFIS – Change The EHSI Map Display To Track Up Presentation	UK CAA APPROVAL No 9/218/M/5225
EO757-34-024R1	GPWS – Inhibit Mode 6 Altitude Callouts	UK CAA APPROVAL No 9/218/M/5322
EO757-34-031R1	EFIS/EADI – Change RAD Alt Presentation From Round Dial To Digital With Rising Runway	UK CAA APPROVAL No 9/218/M/5305
EO757-34-033	ADC – Introduce UK CAA Vmo/Mmo Airspeed Limits	UK CAA APPROVAL No 9/218/M/5306
EO757-34-035	Comparator Warning Monitor - Activate UK CAA Required Functions	UK CAA APPROVAL No 9/218/M/5323
EO757-51-003R3	External Livery – Painting Requirements	AWN38 / AMM 51-21-00 / AMM 11-00-00.
MON/757/25/1367	Tool Box Installed In Flight Deck	UK CAA APPROVAL No 9/217/6644
MON/757/664	Addition Of Pip Pin At Arm/Disarm Lever On Doors 1, 2 And 4 Left And Right	UK CAA APPROVAL No 9/217/2193

4.0 SUMMARY

The report concludes that the Monarch Aircraft Engineering modification MON/757/25/2818 and associated modifications listed in Section 2 meet the requirements of the UK CAA where applicable.

The report concludes that all operator modifications detailed in Section 3 have been approved via Minor procedures through the Regional CAA SRG office.

STRESS REPORT

TITLE: ATTENDANT SEAT BULKHEAD INSTALLATION

MODIFICATION NUMBER AES-757-050 PT. 'L'
AIR2000Ltd. B757 AIRCRAFT reg G-CPEP

WRITTEN: M.A.EVANS**MAE**.....

CHECKED: A.BUGDEN /
G.E. RICE**ADB / GER**...

APPROVED: M.A.EVANS**MAE**.....

DRN: -

PROJECT No: 0056

STRESS REPORT

CIRCULATION:

AIR 2000 Ltd	(1)
STRESS OFFICE	FILE

REVISION STATUS:

ISSUE I APRIL 2002

REVISION DETAILS:

ISSUE 1 – Formal Issue

STRESS REPORT

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STRESS REPORT

1.0 INTRODUCTION

This report addresses the strength of the forward L/H cabin bulkhead, which is modified to delete an existing stowage, attached to the aft face.

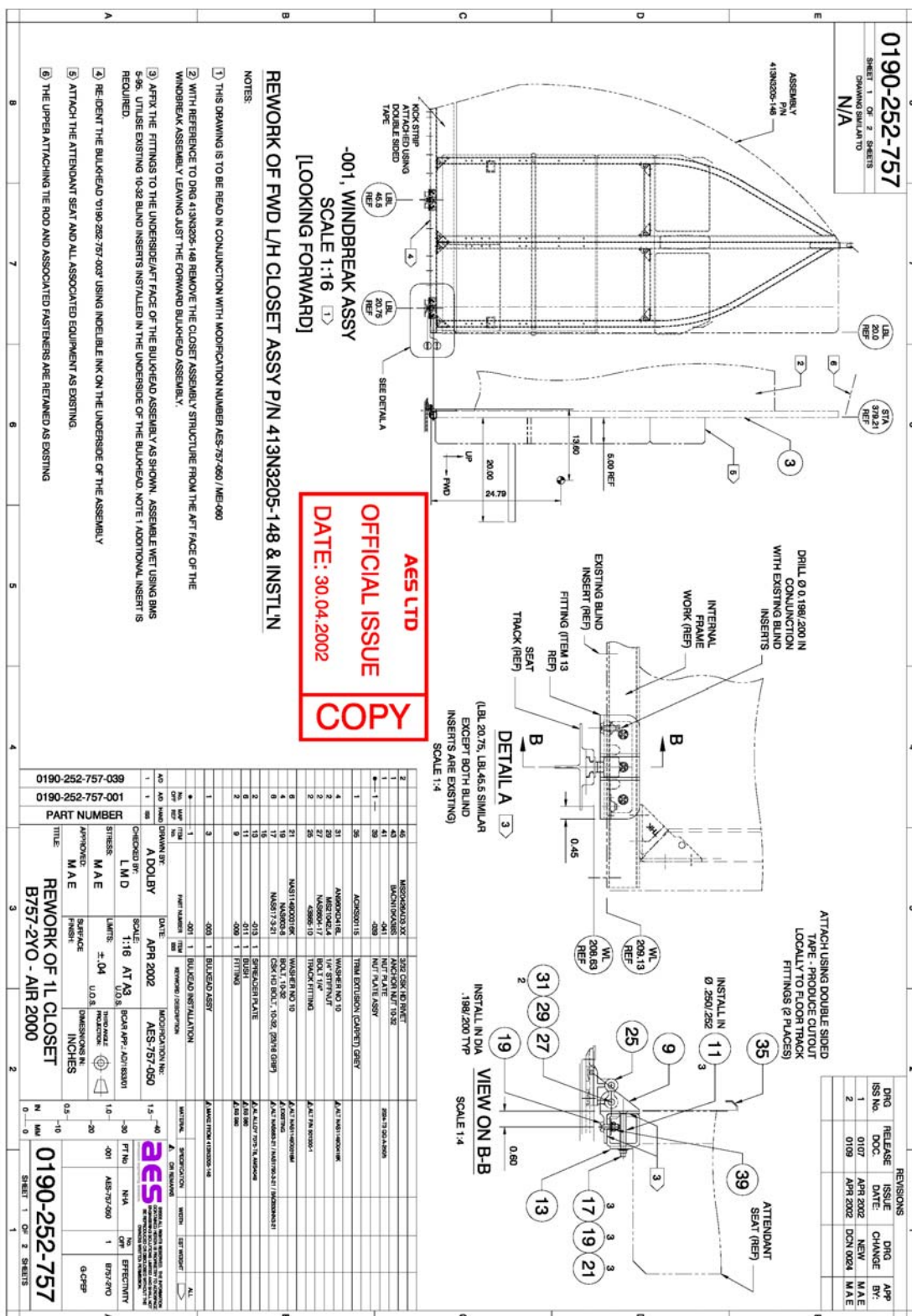
The part number of the existing bulkhead assembly is 413N 3205-148 and the installation is p/n 413N3201-131. Changes are shown on drawing 0190-252-757.

The installation retains a forward facing double attendant seat and after modification the installation is substantially similar to attendant seat bulkheads, which exist on other B757 aircraft in the operators fleet. The principle difference is that the lower transverse frame member is closer to the aircraft floor, having been repositioned to accommodate the stowage floor panel- deletion of which requires design of new base fittings to interface with the aircraft track fittings.

The bulkhead attachment loads are generally reduced following deletion of the stowage. The original construction of this (and other) attendant seat bulkheads comprises typically of an aluminium alloy framework structure built into a composite panel with nomex core inserts between the elements of the framework. The attendant seat is bolted directly to the frame members, the stowage was attached to the aft face of the panel using blind inserts potted into the core.

TEL: 44 (0)1279 818010
FAX: 44 (0)1279 647683

STRESS REPORT



STRESS REPORT

2.0 DESIGN LOAD CASES

Emergency alighting FAR25.561, pre AMT 25-64, ref D6-55441.

9.0g Forward
0.0g Aft
2.0g Up
4.5g Down
1.5g Side

Flight load factors, ref D6-55441 Table 3 – B757 Door 1.

1.5g Forward
1.5g Aft
2.0g Up
4.8g Down
1.5g Side

Consideration of 9g Forward / 4.8g Down cover the critical cases for the installation. Load attachment factor # 1.33 and fitting factor # 1.15 also required, where appropriate.

3.0 WEIGHT AND BALANCE

Seat weight 35.5 lb.

Or $35.5 \div 2 = 17.75$ lb per attendant seat place.

Per seat place,

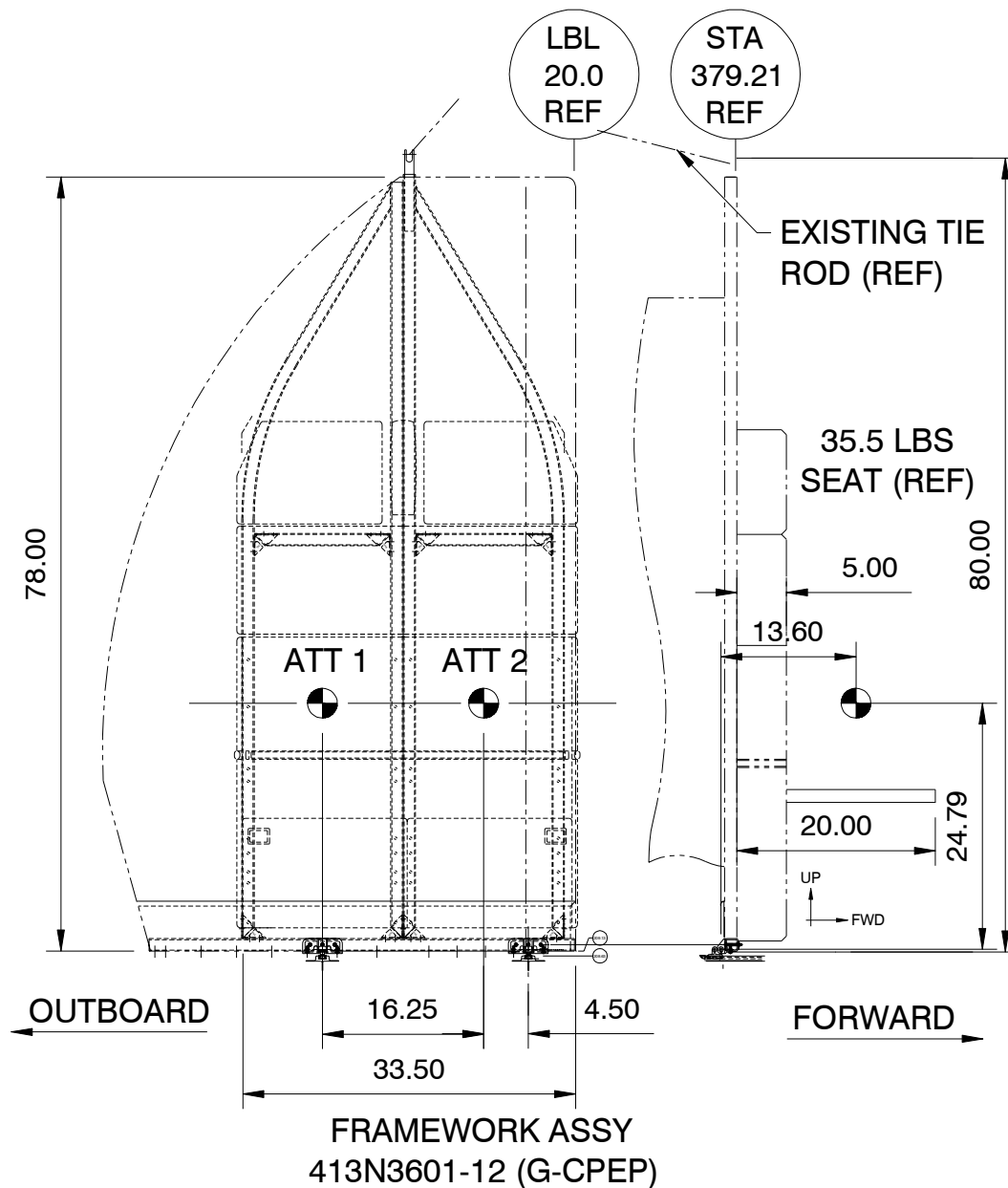
Attendant	170.0 lb
E. Equipment (torch + lifevest)	6.0 lb
Seat	<u>17.75 lb</u>
Total	193.5 lb

Estimated weight of bulkhead = 50 lb, or 25 lb per attendant seat place.

\therefore gross weight = $2(25 + 193.5)$
2(218.5 lb)

STRESS REPORT

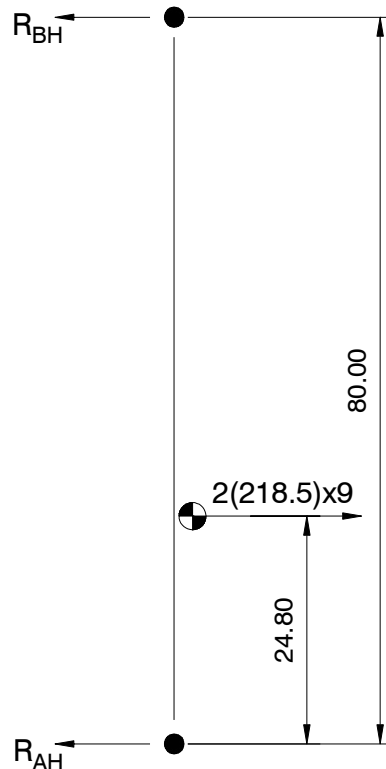
3.0 WEIGHT AND BALANCE (continued)



STRESS REPORT

4.0 INTERFACE LOADS

4.1 9g FORWARD



$$R_{AH} = \frac{(80 - 24.8) \times 2(218.5) \times 9}{80}$$

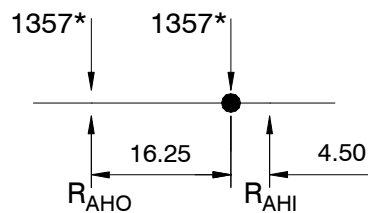
$$R_{AH} = 2(1357) \text{ lb ULT}$$

Where R_{AH} = load applied at lower frame member, connected to track fittings.
 R_{AH} = Horizontal component of the rod load.

STRESS REPORT

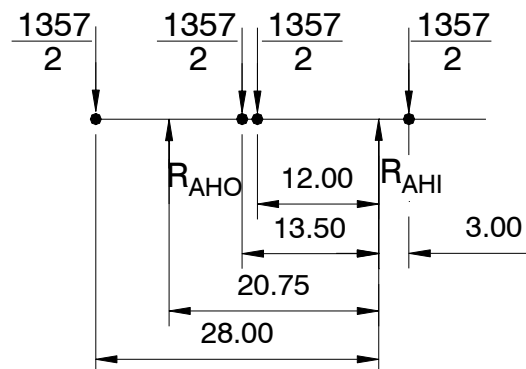
4.0 INTERFACE LOADS (continued)

Horizontal flexural loading of lower frame member, note torque due to small shear offset is resolved (as existing) by attachment to the face skins.



R_{AHO} & R_{AHI} are outer and inner floor track reactions.

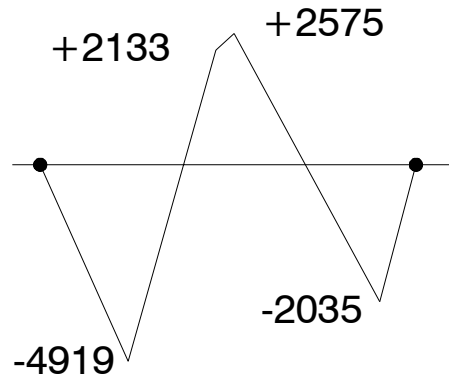
The beam loading * is applied via the end attachments of the vertical frame members, as shown in the diagram following.



R_{AHO} & R_{AHI} are horizontal reactions at the track fittings.

STRESS REPORT

4.0 INTERFACE LOADS (continued)



B M DIAGRAM

- Base frame member

Moments about inner track

$$\frac{-1357}{2} \times 28 + R_{AHO} \times 20.75 - \frac{1357}{2} \times 13.5 - \frac{1357}{2} \times 12 + \frac{1357}{2} \times 3 = 0$$

$$-18,998 + 20.75 R_{AHO} - 9,159.75 - 8,142 + 2,035.5 = 0$$

$$20.75 R_{AHO} = 34,264.25$$

$$\underline{R_{AHO} = 1651.3 \text{ lb}}$$

$$\sum H = 0$$

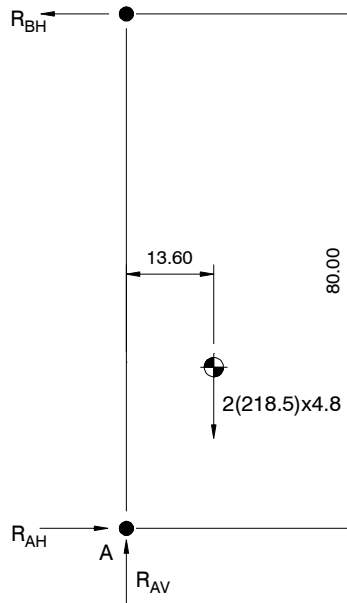
$$R_{AHO} + R_{AHI} = \frac{1357}{2} \times 4$$

$$\underline{R_{AHI} = 1062.7 \text{ lb}}$$

STRESS REPORT

4.0 INTERFACE LOADS (continued)

4.1 4.8g DOWN



$$R_{AV} = 2(218.5) \times 4.8 = \underline{2(1048.8)lb \text{ ULT}}$$

$$R_{AH} = \frac{13.6 \times 2(1048.8)}{80} = \underline{2(178.3)lb \text{ ULT}}$$

Where R_{AV} & R_{AH} are loads applied at the lower frame member connected to the track fittings.

The resultant load at A is

$$\begin{aligned} &= 2\sqrt{(1048.8)^2 + (178.3)^2} \\ &= \underline{2(1063.8)lb} \end{aligned}$$

Loading of base frame member is less critical in 4.8g Down case than 9g forward case.

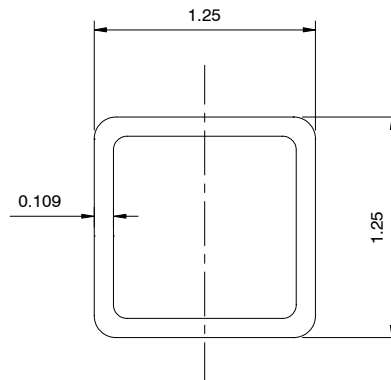
Detail analysis is not required.

STRESS REPORT

5.0 ANALYSIS

5.1 BASE FRAME MEMBER, ref 9g Forward

BM MAX = 4,919 lb.in.



$$I_{YY} = \frac{1}{12} [1.25^4 - 1.032^4]$$

$$I_{YY} = 0.11 \text{ in}^4$$

$$Z = \frac{0.11 \times 2}{1.25} = 0.176 \text{ in}^3$$

$$f = \frac{4,919}{0.176} = 27,948 \text{ lb/in}^2$$

Section based on net area is shown overleaf

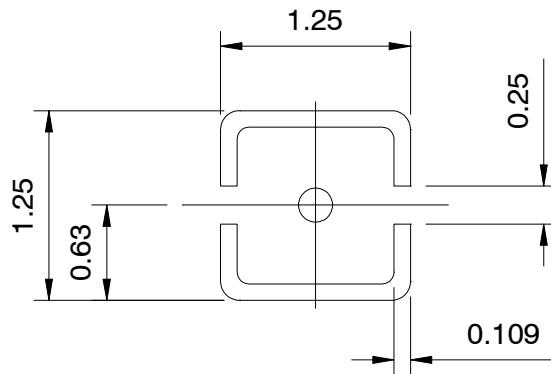
$$I = 0.09 \text{ in}^4, Z = \frac{0.09}{1.25} \times 2 = 0.144 \text{ in}^3$$

$$f = \frac{4919}{0.144} = 34,160 \text{ lb/in}^2$$

$$F_{cy} = 70 \text{ Ksi}$$

$$Rf = \frac{70,000}{34,160} = 2.05$$

STRESS REPORT



REGIONS

Area: 0.43
 Perimeter: 8.22
 Bounding box: X: -0.63 -- 0.63
 Y: -0.63 -- 0.62
 Centroid: X: 0.00
 Y: 0.00
 Moments of inertia: X: 0.11
 Y: 0.09
 Product of inertia: XY: 0.00
 Radii of gyration: X: 0.49
 Y: 0.45
 Principal moments and X-Y directions about centroid:
 I: 0.09 along [0.00 1.00]
 J: 0.11 along [-1.00 0.00]

STRESS REPORT

MIL-HDBK-5H
1 December 1998

Table 3.7.4.0(g₁). Design Mechanical and Physical Properties of 7075 Aluminum Alloy Extrusion

Specification	QQ-A-200/11															
	Extrusion (rod, bar, and shapes)															
	T6, T6510, T6511, and T62 ^a															
	≤20															
Form																
Temper																
Cross-Sectional Area, in. ²																
Thickness, in. ^b																
Basis	≤0.249		0.250-0.499		0.500-0.749		0.750-1.499		1.500-2.999		3.000-4.499		>20, ≤32		4.500-5.000	
	A	B	A	B	A	B	A	B	A	B	A	B	S	A	B	
Mechanical Properties:																
F_{u} , ksi:																
L	78	82	81	85	81	85	81	85	81	85	81	84	78	78	81	
LT	75	79	78	82	77	81	75	79	71	75	67	69	63	63	65	
ST	...	...	...	...	...	...	...	...	67°	71°	67°	69°	64°	63°	65°	
F_{y} , ksi:																
L	70	74	73	77	76	76	72	76	72	76	71	74	70	68	71	
LT	66	70	69	72	67	71	65	69	61	65	56	58°	55°	52	55°	
ST	...	...	...	...	...	...	...	...	56°	59°	55°	58°	55°	52°	55°	
F_{u} , ksi:																
L	70	74	73	77	76	76	72	76	72	76	71	74	70	68	71	
LT	72	76	74	78	73	77	71	75	67	71	62	64	61	57	60	
ST	...	...	...	...	...	...	...	...	62	66	62	64	61	57	60	
F_{u} , ksi:																
L	41	44	43	45	43	45	43	45	42	44	40	42	39	38	40	
F_{y} , ksi:																
L	111	117	115	121	115	120	113	119	110	115	106	110	102	101	105	
LT	140	148	146	153	145	152	144	151	141	148	137	142	132	131	136	
F_{u} , ksi:																
L	92	97	96	101	94	99	93	98	89	94	84	88	83	79	83	
LT	108	114	113	119	111	117	110	116	106	112	101	105	100	95	100	
e , percent (S-basis):																
L	7	...	7	...	7	...	7	...	7	...	7	...	6	6	...	
E , 10 ³ ksi																
E_{p} , 10 ³ ksi																
G , 10 ³ ksi																
μ																
Physical Properties:																
α , 1b/in. ³																
C , K, and α																

a Design allowables were based upon data obtained from testing T6, T6510, and T6511 temper extrusions and from testing samples of extrusion supplied in the O or F temper, which were heat treated to T62 temper to demonstrate response to heat treatment by suppliers. Properties obtained by the user may be lower than those listed if the material has been formed or otherwise cold worked, particularly in the annealed temper, prior to solution heat treatment.

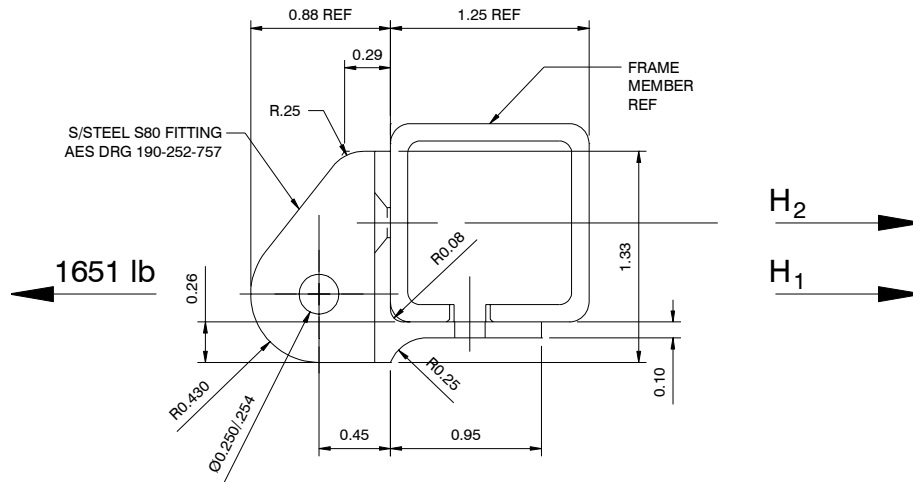
b The mechanical properties are to be based upon the thickness at the time of quench.

c Caution: This specific alloy, temper, and product form exhibits poor stress-corrosion cracking resistance in this grain direction. It corresponds to an SCC resistance rating of D, as indicated in Table 3.1.2.3.1(a).

d Bearing values are "dry pin" values per Section 1.4.7.1.

STRESS REPORT

5.2 BASE FRAME FITTINGS



$$H_2 = 1651 \times 0.17 \div 0.62 = \underline{453 lb}$$

$$H_1 = 1651 \times (0.62 - 0.17) \div 0.62 = \underline{1198 lb}$$

Load H_1 applied to base frame member via 2X 95 Ksi, 10-32 UNJF bolt. Bolt shear strength = 2,690 lb

$$RF = \frac{2,690 \times 2}{1,198 \times 1.15} = \underline{\geq 2}$$

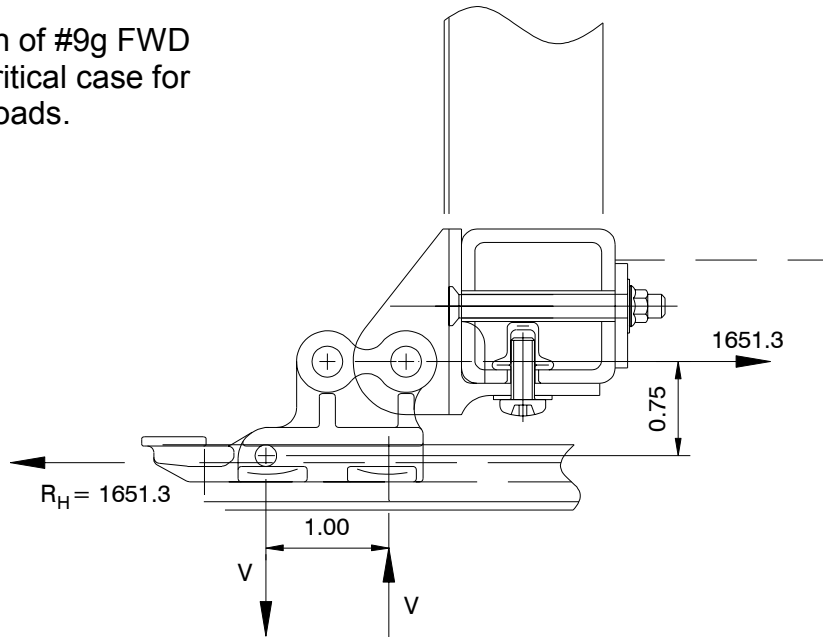
Load H_2 applied thro, 3 x 10-32 UNJF bolts in tension, by inspection $RF > 2$.

Fitting clevis, inc 1/4 dia bolts in double shear, by inspection $RF > 2$.

STRESS REPORT

5.3 FLOOR TRACK STRENGTH

Consideration of #9g FWD
Covers the critical case for
the track lip loads.



$$V = \frac{1651.3 \times 0.75}{1} \times 1\frac{1}{3}^* = 1647 \text{ lb (ULT)}$$

* LOCAL ATTACH FACTOR

Allowable up load, ref D6-36238 fig C8

$$= 4,500 \text{ lb / pair of track lips, } RF = \frac{4,500}{1,647} \geq 2$$

Track fitting allowable 5,000 lb (ULT) in any direction, ref Ancra data $RF > 2$.

6.0 SUMMARY

Calculated $RF's > 2$.

B757 MANUAL SUPPLEMENT - ATP 3510
SECTION 4 CHAPTER 25
CONTROL PAGE - INITIAL ISSUE

CAA APPROVAL

The Temporary Revisions listed hereon comply with BCAR Chapter A5-3, B5-3 and/or TSS No 0-2 as appropriate

Signed



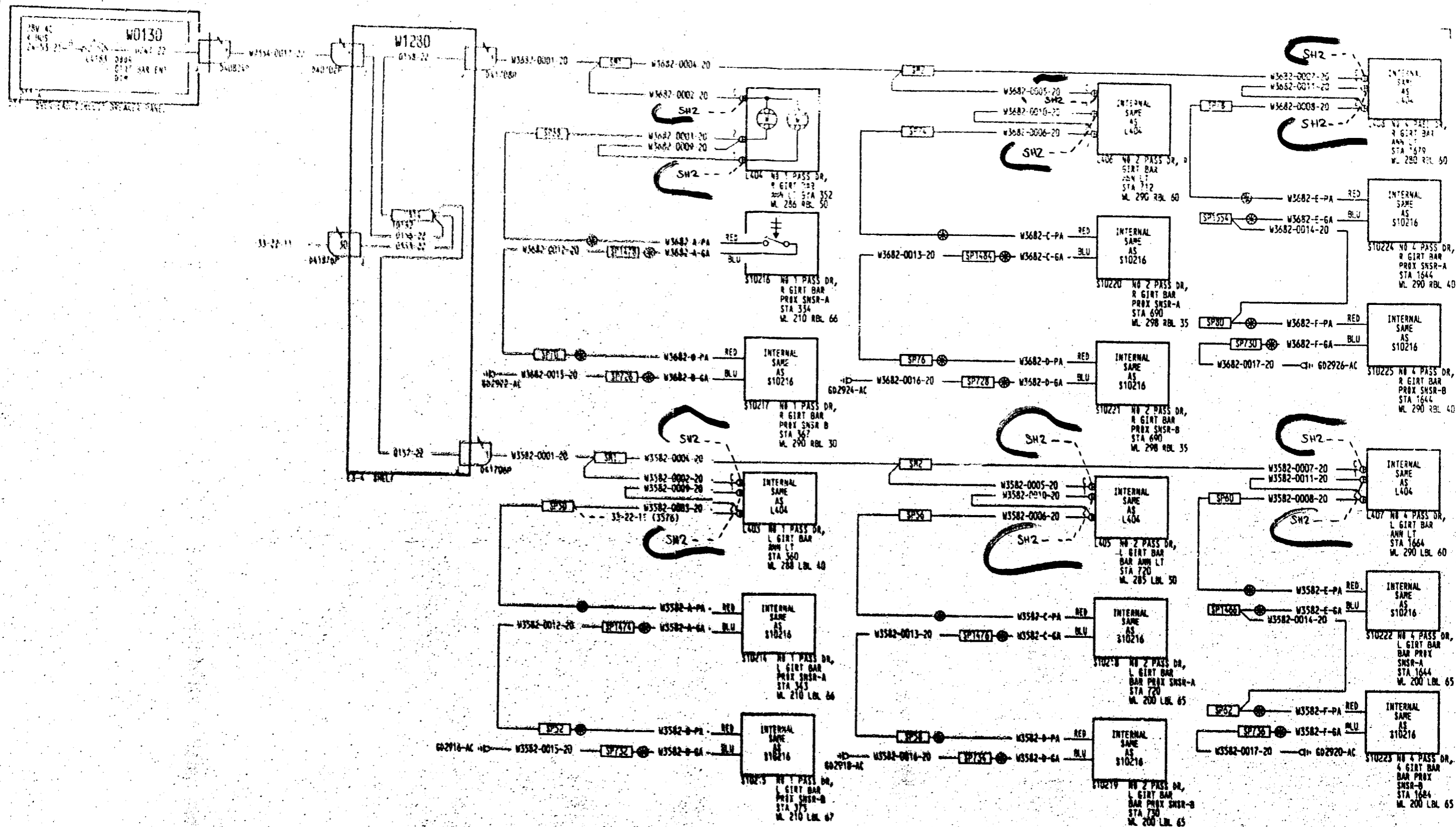
for Chief Engineer (Quality & Training)
CAA Approval No. DAI/8566/78

- A. File the attached Temporary Revision/Alerts in the Manual Supplement in ATA Chapter/Section/Subject/Page sequence
- B. File this Control Page in front of the Chapter TRs/Alerts.
- C. The following list shows active TRs/Alerts together with TRs/Alerts added by this control page.

Chapter Section Subject	Page	TR/Alert No.
25-66-11	1 Sht.1	* 25-525
25-66-11	1 Sht.2	* 25-526
25-67-11	1	* 25-524

- D. Remove and Destroy the following TRs/Alerts:

* Indicates TRs/Alerts issued with this control page



DOOR GIRT BAR ENGAGEMENT
INDICATION

25-66-11

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SHEET 1

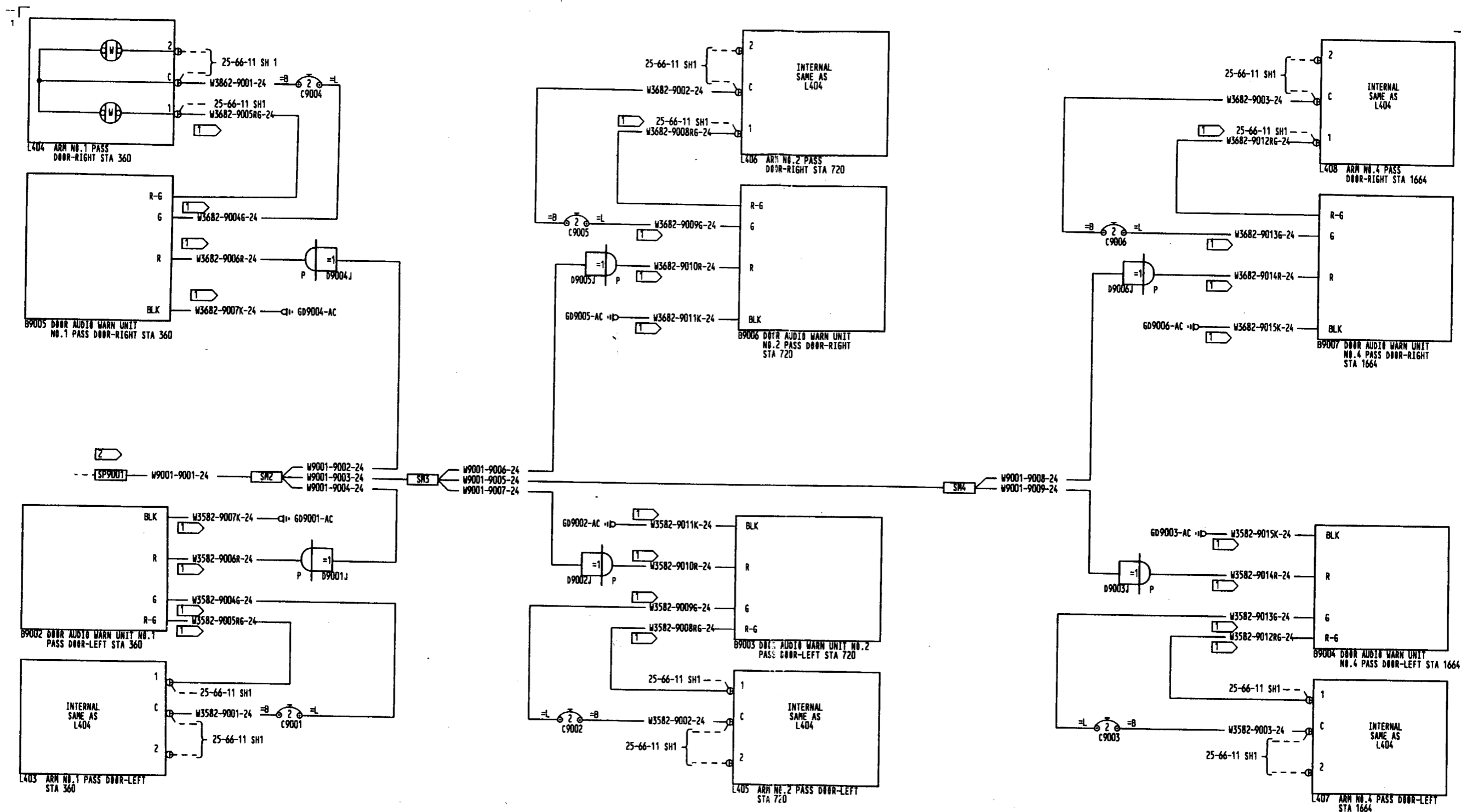
MANUAL NO: D280N032

TEMPORARY REVISION No: 25-525
WDM B757
MANUAL REF. 25-66-11 PAGE 1 SH1
Reason for Revision
Mod 52C082
TIS WR (52-10 SH)

25-66-11

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SHEET 1



NOTES:

- ① WIRE NO. FOR ENGINEERING REFERENCE ONLY. (WIRES ARE NOT IDENTIFIED ON APLS.)
- ② SP9001 FOR ENGINEERING REFERENCE ONLY. ("SH1" WAS CODED ON BAB 52C082).

002

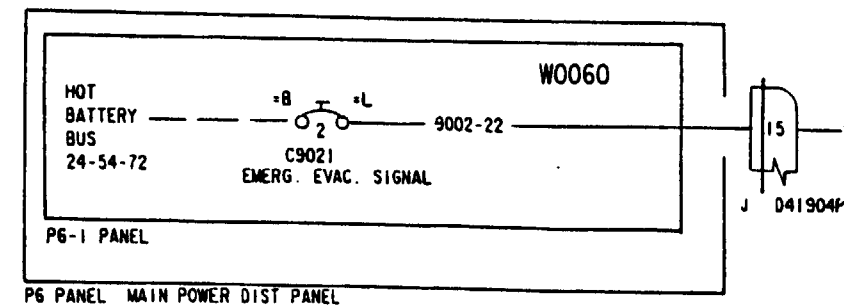
DOOR GIRT BAR ENGAGEMENT INDICATION

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TEMPORARY REVISION No: 25-526
WDM B757
MANUAL REF. 25-66-11 PAGE 1 SH2
Reason for Revision
Mod 52C082
TIS WR (52-10 SH)

INCORPORATES:
52C082

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SHEET 2



TIS WR (25-24 SH)

2 PROVISION FOR 18 VOLT (2 x 9VOLT) BATTERY SUPPLY

CHAPTER

25

**EQUIPMENT /
FURNISHINGS**



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WIRING DIAGRAM MANUAL

CHAPTER 25 EQUIPMENT / FURNISHINGS

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25-EFFECTIVE PAGES									
		1		Oct 09/2008					
		2		BLANK					
25-CONTENTS									
		1		Dec 18/2007					
		2		BLANK					
25-ALPHABETICAL INDEX									
		1		Jan 21/2005					
		2		BLANK					
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25-31-27		1		Jan 21/2005					
25-31-31		1		Jan 21/2005					
25-31-33		1		Jan 21/2005					
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		3		Jan 21/2005					
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A = Added, R = Revised, D = Deleted, O = Overflow

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WIRING DIAGRAM MANUAL

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<u>PASSENGER AND CABIN ATTENDANT ACCOMMODATIONS</u>						
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			2		Jan 21/2005	115-199
<u>GALLEYS</u>						
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			2		Jan 21/2005	115-199
GALLEY POWER - FORWARD (G1B)	25-31-13		1		Jan 21/2005	001-003 005 007-099
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			3		Jan 21/2005	115-199
GALLEY POWER - MID (G2A)	25-31-21		1		Jan 21/2005	001-099
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GALLEY POWER - MID (G2B)	25-31-23		1		Jan 21/2005	115-199
GALLEY POWER - MID (G2D)	25-31-27		1		Jan 21/2005	115-199
GALLEY POWER - AFT (G4A)	25-31-31		1		Jan 21/2005	001-099
GALLEY POWER - AFT (G4B)	25-31-33		1		Jan 21/2005	001-008 010-099
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<u>CARGO LOADER SYSTEM</u>						
CARGO LOADER SYSTEM - FORWARD CARGO COMPARTMENT	25-51-11		1		Jan 21/2005	115-199
CARGO LOADER SYSTEM - AFT CARGO COMPARTMENT	25-51-21		1		Jan 21/2005	115-199
<u>DOOR-MOUNTED ESCAPE SYSTEM</u>						
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WIRING DIAGRAM MANUAL

CHAPTER 25 EQUIPMENT / FURNISHINGS

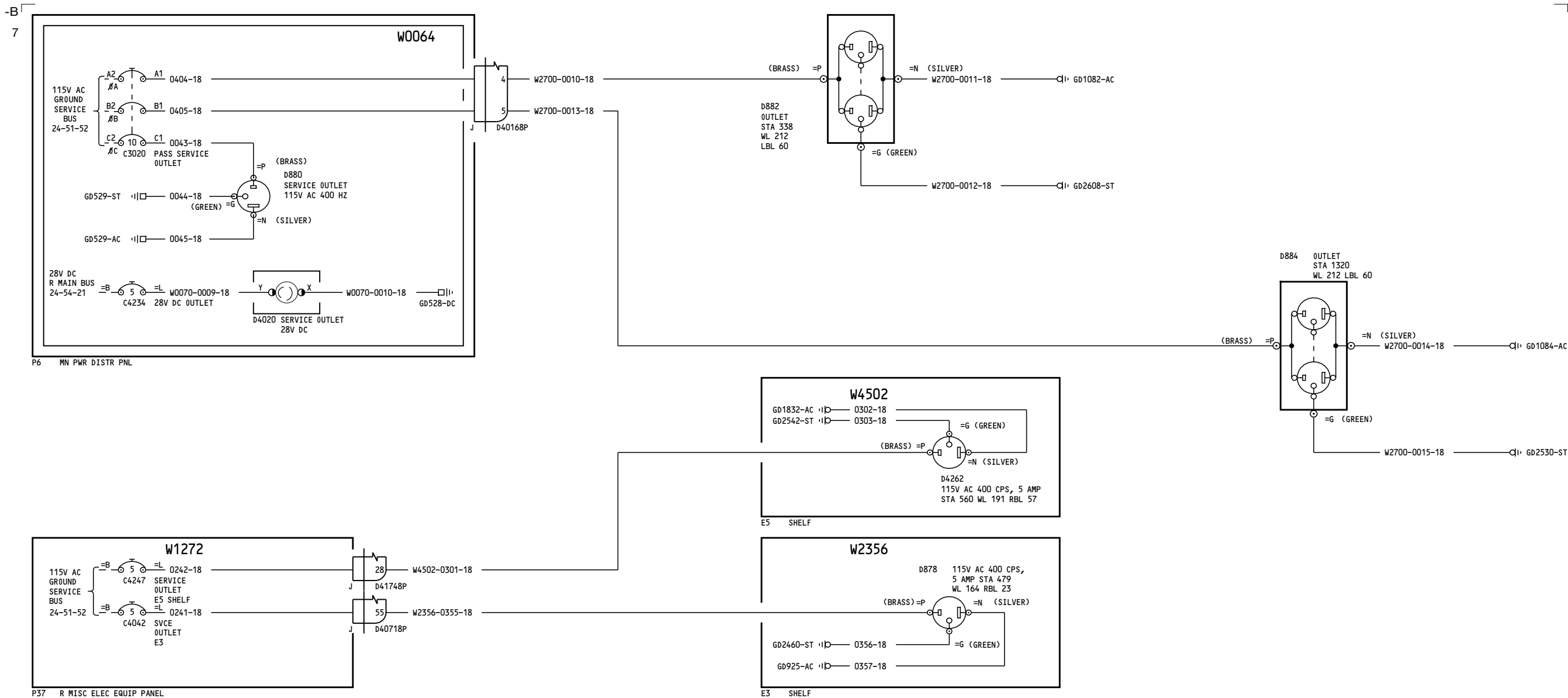
CH-SC-SU	Title
25-51-21	CARGO LOADER SYSTEM - AFT CARGO COMPARTMENT
25-51-11	CARGO LOADER SYSTEM - FORWARD CARGO COMPARTMENT
25-66-11	DOOR GIRT BAR ENGAGEMENT INDICATION
25-31-31	GALLEY POWER - AFT (G4A)
25-31-33	GALLEY POWER - AFT (G4B)
25-31-11	GALLEY POWER - FORWARD (G1A)
25-31-13	GALLEY POWER - FORWARD (G1B)
25-31-21	GALLEY POWER - MID (G2A)
25-31-23	GALLEY POWER - MID (G2B)
25-31-27	GALLEY POWER - MID (G2D)
25-29-11	SERVICE OUTLETS

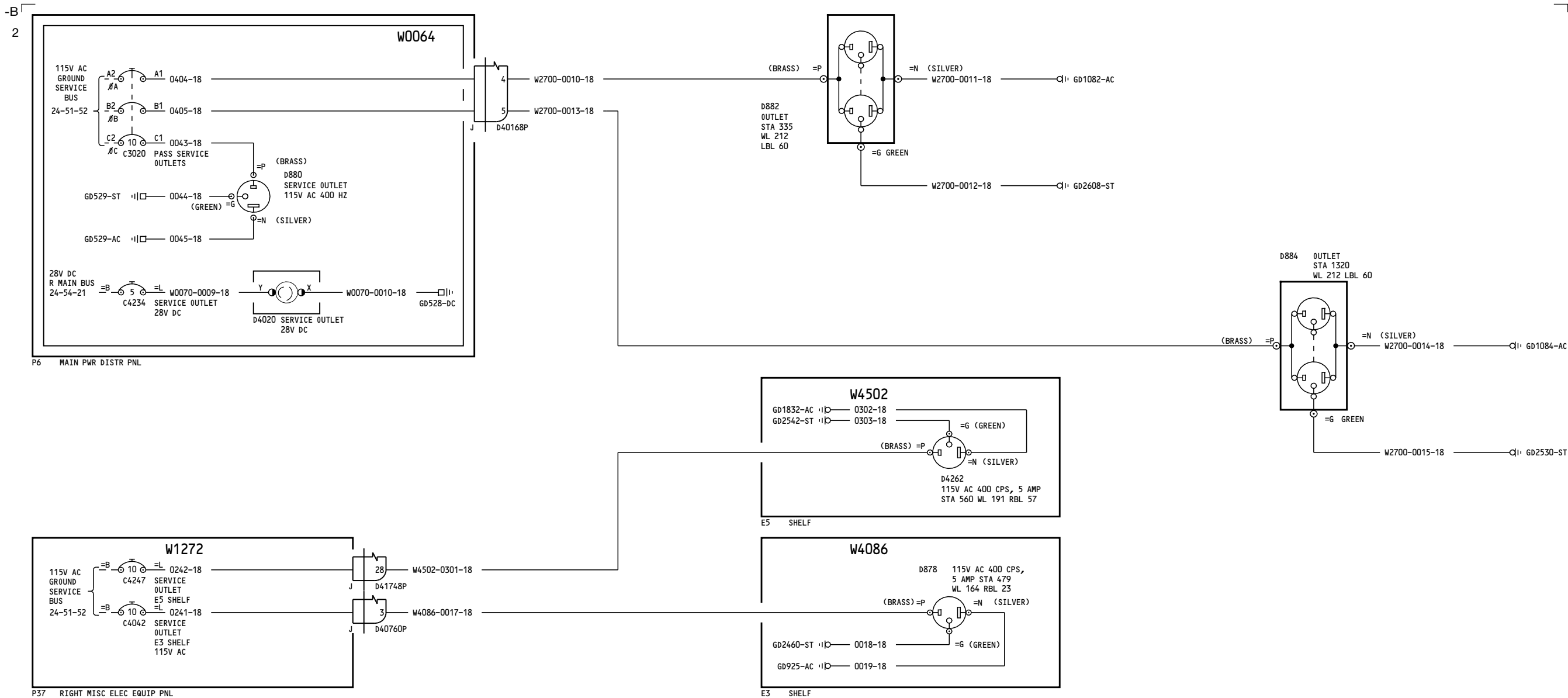
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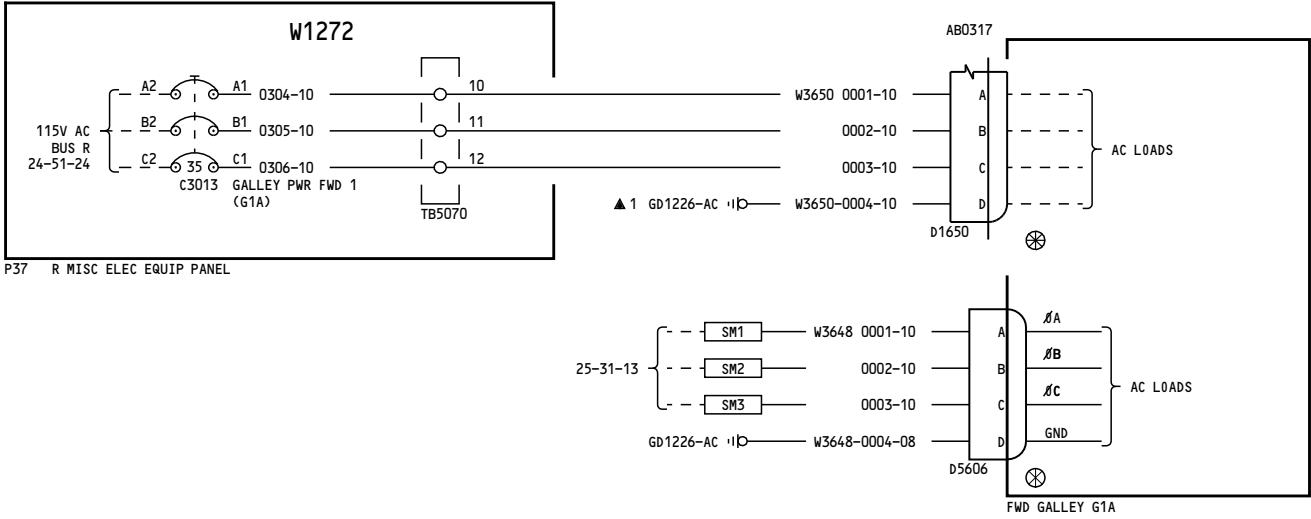
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GALLEY POWER - FORWARD
(G1A)

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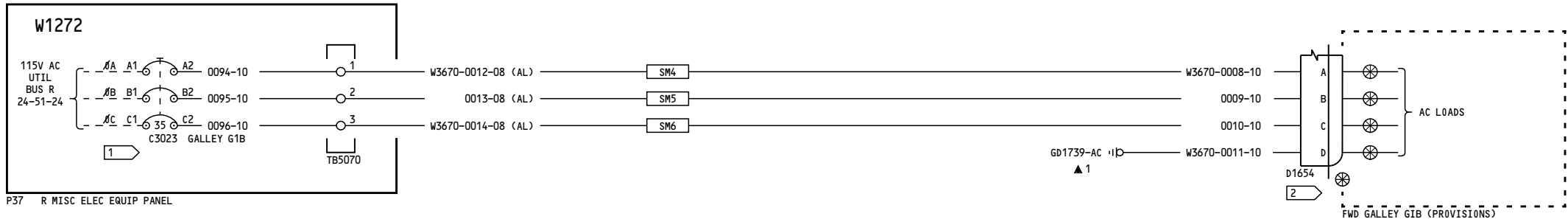
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NOTES:

- 1 COLLAR CIRCUIT BREAKER AND LABEL INOP
- 2 CAP AND STOW CONNECTOR

001-003, 005, 007-099	GALLEY POWER - FORWARD (G1B)
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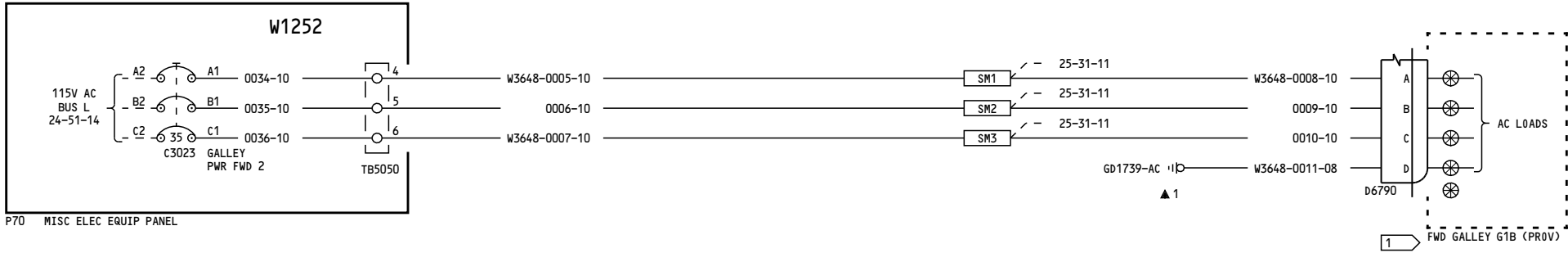
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NOTES:

1 GALLEY GIB INSTALLED FOR 255 PASSENGER CONFIGURATION.

115-199

**GALLEY POWER - FORWARD
(G1B)**

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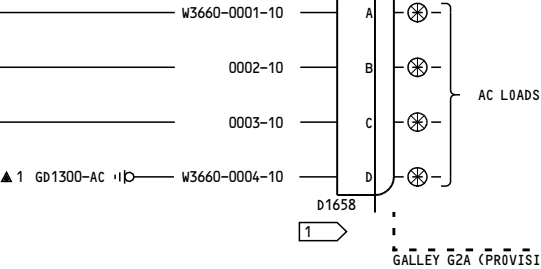
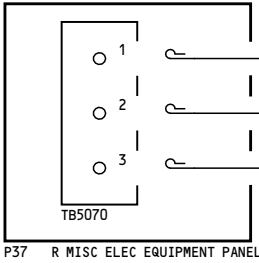
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NOTES:
1 CAP AND STOW CONNECTOR

001-099	GALLEY POWER - MID (G2A)
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GALLEY POWER - MID (G2A)

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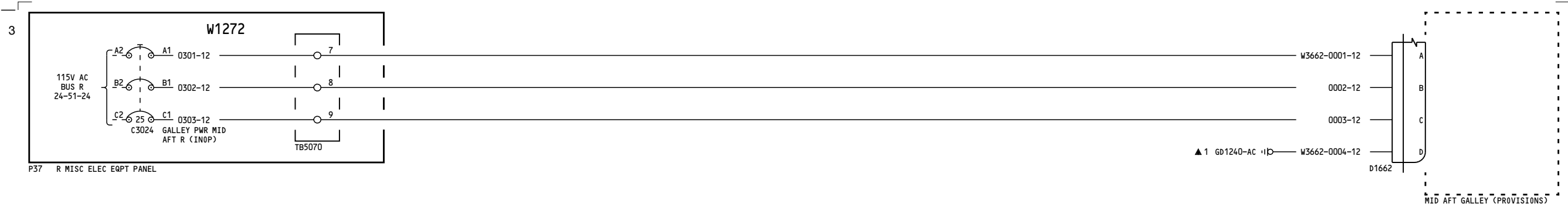
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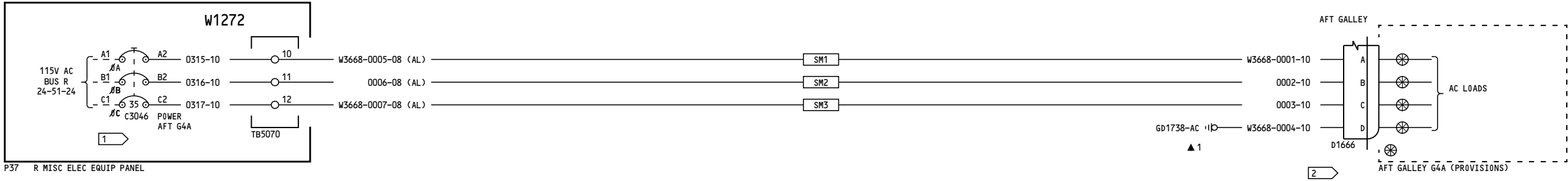
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NOTES:

- 1 COLLAR CKT BKR AND LABEL IN0P
- 2 CAP AND STOW CONNECTOR

001-099

**GALLEY POWER - AFT
(G4A)**

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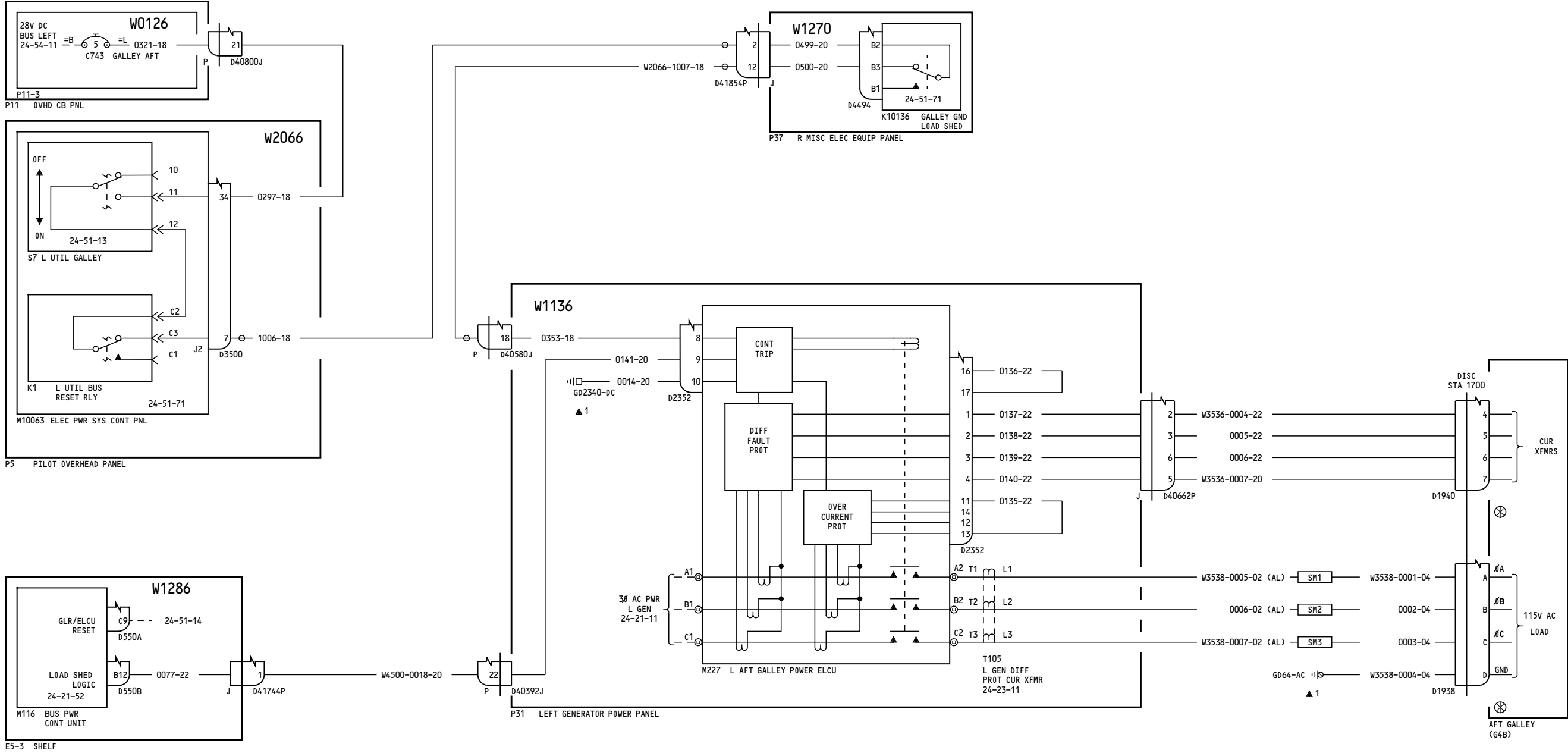
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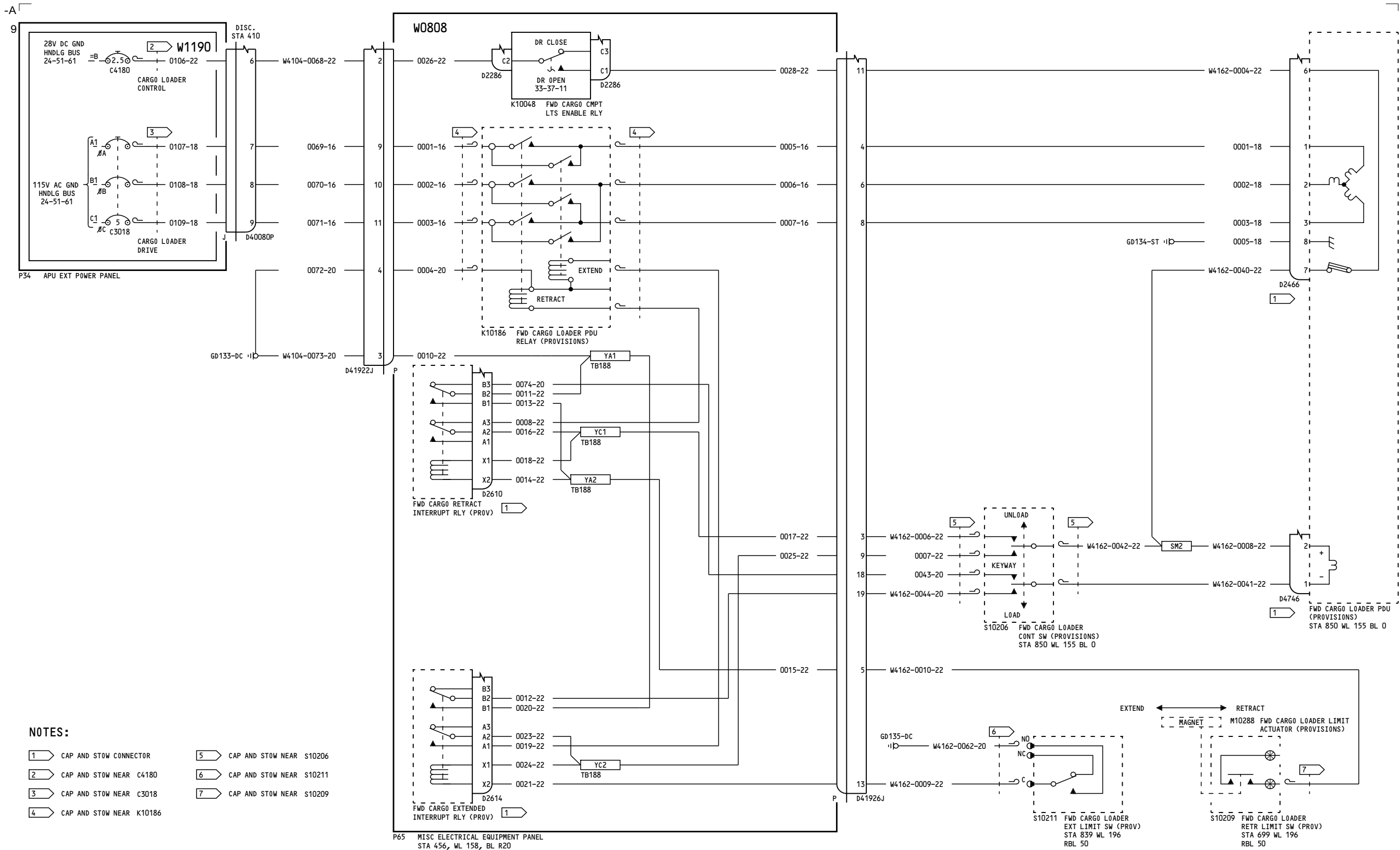
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