

ZONES: 139 149
 A/C NUMBER:
 REV. DATE: 06/07/06
 FREQUENCY: S1C

W/C NUMBER: 215I5301 DATE:
 W/O:
 JAC CODE:

PANELS

149BL	149DL	149FL	149GL	194ER	139BL	139DL
149CL	149EL	149AL	193HL	139AL	139CL	

REFERENCES

FIGURES 1 THROUGH 3, CP53-139-01I, CP53-149-01I, CP53-149-02I

MECH INSP

|
 | {CPCP} KEEL BEAM, BS 900 - BS 1180

| 1. PREPARATION FOR INSPECTION

| _____ XXXXX A. CLEAN THE KEEL BEAM, KEEL BEAM LOWER TRAILING EDGE CHORD,
 | LOWER HORIZONTAL WEB AND ATTACHMENTS AT THE BS 900, BS 1040
 | AND BS 1180 BULKHEAD ATTACHMENTS. CLEAR ANY BLOCKED HOLES
 | OR GAPS THAT HINDER DRAINAGE. NOTIFY LEAD THAT THE AREA
 | HAS BEEN PREPARED FOR INSPECTION.

| 2. KEEL BEAM INSPECTION BS 900 - BS 1040 (REF. FIGURE 1)

| XXXX _____ A. {CP53-139-01I} PERFORM AN INTERNAL SURVEILLANCE OF THE KEEL
 | BEAM FROM BS 900 TO BS 1040, INCLUDING KEEL BEAM WEBS,
 | CHORDS, CROSS BRACES AT BS 956 AND BS 996, WING LOWER
 | SURFACE AND BS 900 BULKHEAD, AND ATTACHMENTS AT BS 1040
 | BULKHEAD. ENSURE ALL DRAIN HOLES, GAPS AND PATHS ARE CLEAR
 | TO ENSURE PROPER DRAINAGE.

| FOR CRACKS, PERMANENT DEFORMATION, OR CORROSION TO
 | PRIMARY STRUCTURE (REF. SRM CHAPTER 51); INITIATE A
 | SERVICE DIFFICULTY REPORT (SDR) (REF. GMM, CHAPTERS 4, 12,
 | AND 16) AND RECORD THE ASSOCIATED NON-ROUTINE NUMBERS
 | BELOW.

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

| XXXX _____ B. PERFORM AN EXTERNAL SURVEILLANCE OF THE WING LOWER SURFACE
 | AND SPLICE AT WBL 70.5, KEEL BEAM AND BS 900 BULKHEAD, AND
 | KEEL BEAM ATTACHMENTS AT BS 1040.

| 3. KEEL BEAM INSPECTION BS 1040 - BS 1180 (REF. FIGURE 2 AND 3)

| XXXX _____ A. PERFORM AN EXTERNAL SURVEILLANCE OF THE KEEL BEAM AND

A/C NUMBER:

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W/C NUMBER: 215I5301 (continued)

MECH: INSP:

ATTACHMENTS TO THE REAR SPAR.

|XXXX _____ B. {CP53-149-01I, CP53-149-02I} PERFORM AN INTERNAL SURVEILLANCE OF THE KEEL BEAM STRUCTURE FROM BS 1040 TO BS 1180 WITH PARTICULAR ATTENTION TO THE STRUCTURE AT ALL BODY CUTOUTS, ATTACHMENTS AT WING CENTER SECTION REAR SPAR, KEEL BEAM CHORDS, SPLICES TRANSVERSE BEAM & WEBS AND STIFFENERS. ENSURE ALL DRAIN HOLES, GAPS AND PATHS ARE CLEAR TO ENSURE PROPER DRAINAGE.

| FOR CRACKS, PERMANENT DEFORMATION, OR CORROSION TO PRIMARY STRUCTURE (REF. SRM CHAPTER 51); INITIATE A SERVICE DIFFICULTY REPORT (SDR) (REF. GMM, CHAPTERS 4, 12, AND 16) AND RECORD THE ASSOCIATED NON-ROUTINE NUMBERS BELOW.

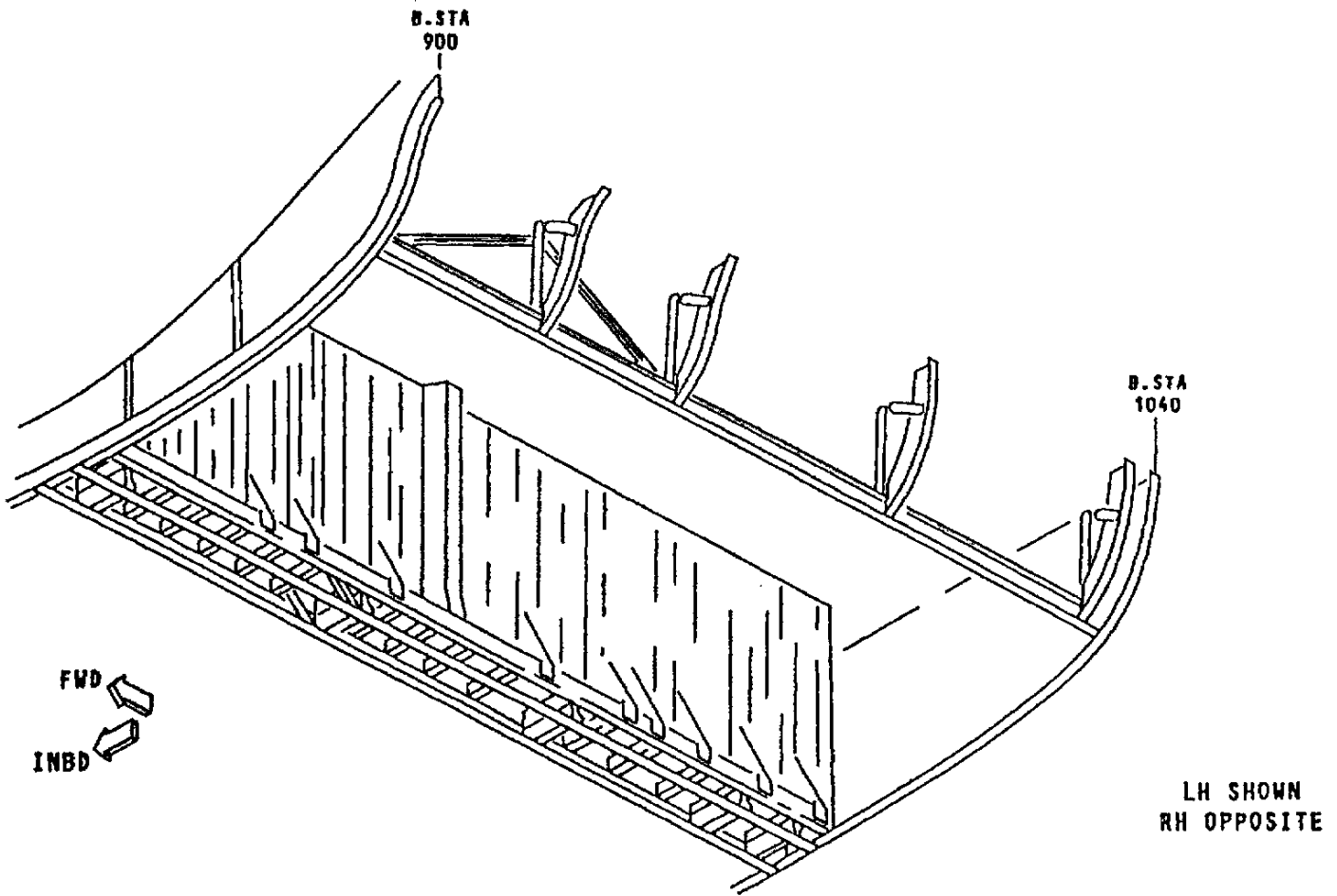
| 4. CORROSION INHIBITOR APPLICATION

|_____ XXXXX A. APPLY CORROSION INHIBITING COMPOUND DINITROL AV-30 TO THE KEEL BEAM INTERNAL & EXTERNAL STRUCTURE BETWEEN BS 900 AND BS 1180.

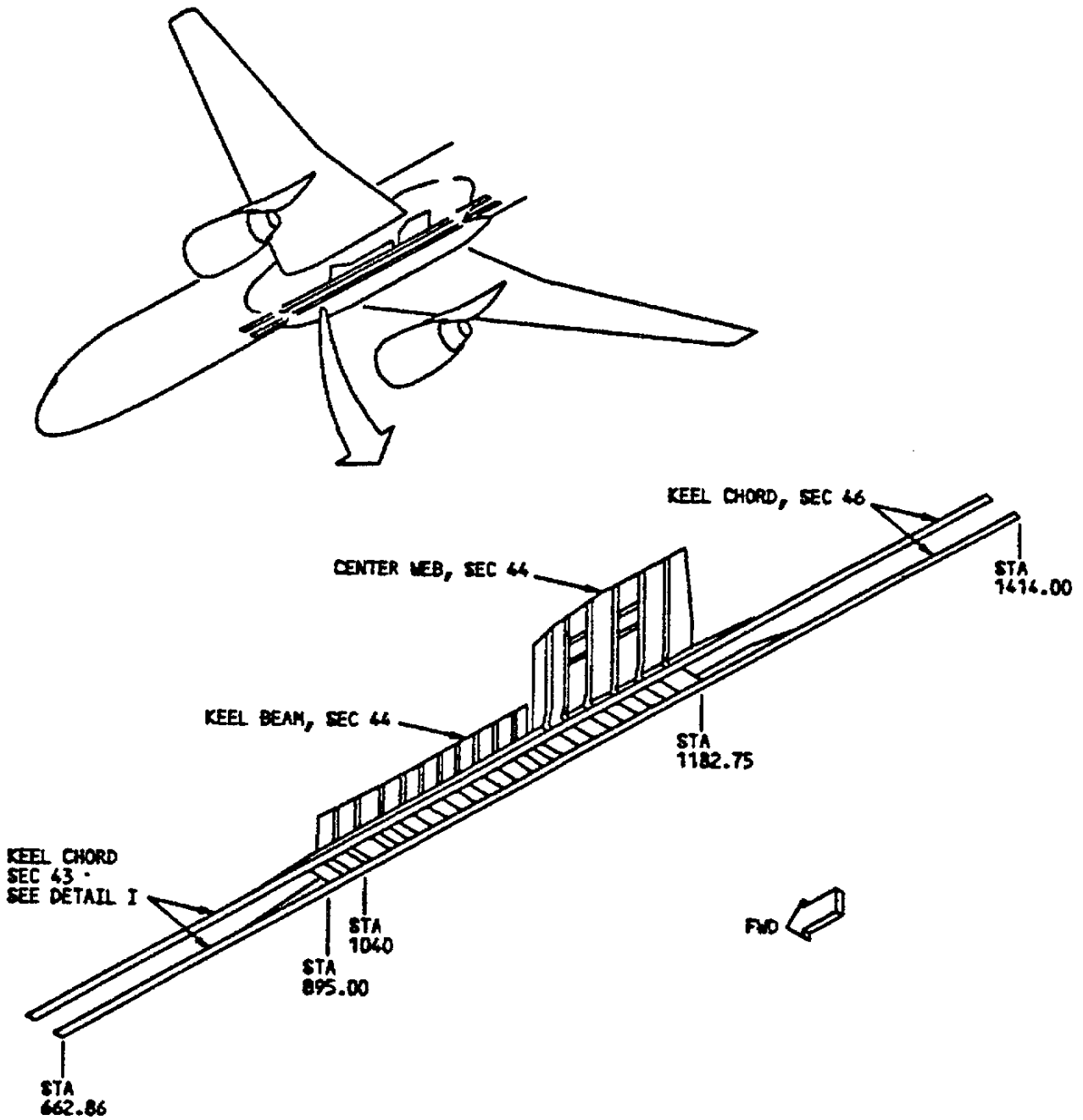
|_____ XXXXX B. APPLY CORROSION INHIBITING COMPOUND DINITROL AV-100 TO THE KEEL BEAM INTERNAL & EXTERNAL STRUCTURE BETWEEN BS 900 AND BS 1180 AFTER THE AV-30 HAS DRIED.

*****END OF WORKCARD*****

21515301



KEEL BEAM AT ECS BAY B. STA 900 - STA 1040



KEEL BEAM STRUCTURE

