

**DC-9****SERVICE BULLETIN****REVISION TRANSMITTAL SHEET**

BULLETIN 24-76

ELECTRICAL POWER - General - Revise Routing and Clamping for Lavatory Pump-to-Timer Wire Assembly.

This page transmits Revision 1 for DC-9 Service Bulletin 24-76 to incorporate the following changes:

NOTE: This revision constitutes a complete reissue.

Reason for Revision: 1. To correct clamp part number callout.
2. To add Note allowing operators to vary clamp size to ensure proper fit.

No additional work is required by this revision for operators who have complied with original issue of this Service Bulletin.

Pages 1 thru 8: Deleted operator codes BX, NI, YLL, and ZDF.
Added operator codes RS, ZKL, and Z5G.
Transferred fuselage number 47735 listed under operator code MC to Group II, was Group I. (Incorporation of Service Bulletin Change Notification 24-76 CN1, dated February 5/85.)
Revised effectivity to reflect current operators of affected aircraft.

Page 9: Revised Approval paragraph.

Page 11: Added new paragraph 1.J.(1) and identified existing paragraph as 1.J.(2).

Pages 13, 14, 16, thru 19, 21, 22: Added Note to Figure 1, steps 6 and 10, and Figure 2, Step 3.
Change part number and illustration of clamp on the shipside-to-timer wire run to MS25281-4, was NMC1001-1.

Page 23: Changed quantities of washer, sta-strap, screw, clamp and teflon tape.
Added Note.

NOTE: Service Bulletin 24-76 Summary is attached.

PJC
AMM-2

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3855 Lakewood Boulevard
Long Beach, California 90801

REFERENCE:
BULLETIN 24-76

SERVICE BULLETIN SUMMARY

NOTE: This summary is for information only and is not FAA approved for modification of aircraft.

SUBJECT: ELECTRICAL POWER - General -
Revise Routing and Clamping
for Lavatory Pump-to-Timer
Wire Assembly.

MANPOWER:

	Group		
	I	II	or III
Total Man-Hours	2.6	2.1	
Total Elapsed Hours	2.6	2.1	

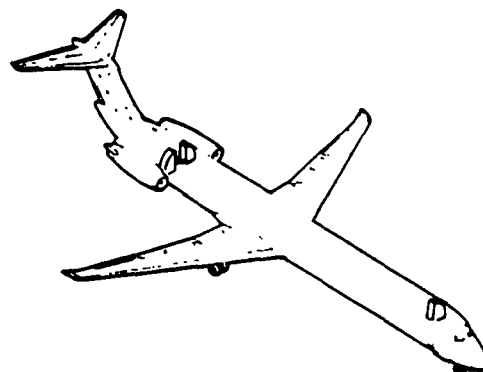
ANALYSIS: Replacement of the lavatory motor pump presently requires that the wires connecting the motor pump and timer be unclamped and separated from an adjacent wire bundle. Occasionally, reclamping of the wires subsequent to motor pump replacement has been inadvertently omitted. Failure to reclamp the wires could result in damage to wires.

MATERIAL INFORMATION: Parts and materials required to accomplish this modification are to be procured from operator's stock or suppliers.

MODIFICATION DESCRIPTION: Reroutes and clamps the wires between the lavatory motor pump and timer away from the adjacent wire bundle. Accomplishment of this modification will allow for the replacement of the motor pump without disturbing the adjacent wire bundle and clamps.

EFFECTIVITY: DC-9, Series 10, 20, 30, 40, 50, C-9, MD-81, and MD-82 aircraft. (See Service Bulletin 24-76 for detailed effectivity.)

COMPLIANCE: It is recommended that this modification be accomplished at operator's convenience.



REVISE ROUTING AND CLAMPING
FOR LAVATORY PUMP-TO-TIMER
WIRE ASSEMBLY

November 7/84

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Long Beach, California 90801

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SERVICE BULLETIN

ELECTRICAL POWER - General - Revise Routing and Clamping for Lavatory
Pump-to-Timer Wire Assembly.

1. Planning Information:

A. Effectivity:

(1) Aircraft Affected:

DC-9, Series 10, 20, 30, 40, 50, C-9, MD-81, and MD-82

(a) Operator and Aircraft Number:

<u>Operator</u>	<u>Factory Serial No.</u>	<u>Group</u>	<u>Operator</u>	<u>Factory Serial No.</u>	<u>Group</u>
AA	49145	III	AC (cont)	47546	I (cont)
	49155			47554	
	49158 and 49159			47557	
	49161 thru 49163			47560	
	49167 and 49168			47592	
	49171 thru 49181			47598	
	49251			47611	
	49253 thru 49256				
AC	45845	I	AL	45868	I
	47019			47026	
	47021 and 47022			47050 thru 47054	
	47024			47057 and 47058	
	47069			47066	
	47071			47099	
	47195			47130	
	47198 and 47199			47146	
	47265 and 47266			47188 and 47189	
	47289 and 47290			47207 thru 47210	
	47292 thru 47294			47212	
	47340 thru 47342			47216	
	47348 thru 47350			47310	
	47353 and 47354			47332	
	47422			47334 thru 47336	
	47485			47351 and 47352	
				47371 thru 47375	

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<u>Operator</u>	<u>Factory Serial No.</u>	<u>Group</u>	<u>Operator</u>	<u>Factory Serial No.</u>	<u>Group</u>
AL (cont)	47420 and 47421 47429 47505 thru 47508 47564 47574 47576 47583 47588 47590 47593	I (cont)	AU	48024 and 48025 48050	III
			AY	45729 47044 and 47045 47604 thru 47606 47613 and 47614 47694 thru 47696 47736 thru 47738	I
	48114 thru 48120 48131 48138 thru 48147 48154 thru 48159	II		47771 thru 47773 48134 thru 48136	II
AM	45785 47006 47059 47085 47106 47122 and 47123 47125 thru 47127 47356 47394 47594 47602 47607 47609 47650	I	AZ	49150 thru 49152 47038 and 47039 47046 and 47047 47101 47128 and 47129 47222 and 47223 47231 47233 thru 47236 47238 47283 47311 47339	III I
	48067 thru 48069 48083 49149	III	BD	49192 thru 49201 45712 and 45713 45719 45738 and 45739 47048 47430 47468	III I
	48125 thru 48130 48150 and 48151	II	BM	47224 thru 47226 47228 47232 47431 thru 47438 47474 47477 47502 47518 47533 47544 47575 47641	I
AO	47080 47091 and 47092 47556 47637 47640 47642 thru 47644 47675 47678 47702 47704 47706 and 47707	I			
	48103 thru 48106	II			

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Operator	Factory Serial No.			Group	Operator	Factory Serial No.			Group
BQ	47229	and	47230	I	EA	45733	and	45734	I
	47237					45833	thru	45840	
	47519					45863	thru	45867	
	47553					45869			
	47591					45871	thru	45876	
	47653					47036			
						47074			
BW	47742	and	47743	II		47098			
	47752					47119	thru	47121	
	47796					47140	thru	47143	
	48122					47157			
						47161			
CA	49140	and	49141	III		47165	thru	47167	
						47181			
CO	45714	thru	45716	I		47184			
	45726					47186	and	47187	
	45735	and	45736			47214	and	47215	
	45742	and	45743			47217			
	45786					47268	thru	47272	
	45791					47327	thru	47331	
	45843	and	45844			47399			
	45847					47401	thru	47403	
	47110	thru	47112			47665			
	47218	and	47219			47676	and	47677	
	47281					47679			
	47521					47682	and	47683	
	47524					47685	and	47686	
	47535					47688	and	47689	
						47692	and	47693	
	47765			II					
	47788					47728			II
	47797	thru	47799			47731	thru	47733	
	48111	thru	48113			47745	and	47746	
						47749			
	49222			III		47751			
	49229					47753			
DL	47176	and	47177	I	EZ	47220			I
	47257	thru	47262			47355			
	47273	thru	47278						
	47284	and	47285		FL	49102			III
	47317	thru	47323			49114			
	47358	and	47359			49116	thru	49118	
	47377	thru	47379						
	47443	thru	47445		GA	47385	and	47386	I
						47481			
						47569			
						47601			

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<u>Operator</u>	<u>Factory Serial No.</u>	<u>Group</u>	<u>Operator</u>	<u>Factory Serial No.</u>	<u>Group</u>
GA (cont)	47635 47701 47722 47730 47740 and 47741 47744	I (cont)	IB (cont)	47542 and 47543 47545 47565	I (cont)
			IG	47713 thru 47715 49247 and 49248	I III
	47789 thru 47795	II	IW	45696 45841	I
GB	45717 45728 47002 47008 47040 47072 47147 and 47148 47203 47291 47363 47380 and 47381 47384 47426 and 47427 47465	I	II JD	47408 47608 47612 47615 and 47616 47619 and 47620	I I
				47759 thru 47762 47767 and 47768 47780 and 47781	II
				48029 thru 48033 48070 thru 48072	III
GH	47755	II	JK	45695 45795 45842 47043	I
HA	47204 47763 and 47764 48044 and 48045 48051 48058 48073 and 48074	I II III	JP	47239 47392 47530 47570 47697	I
IB	47037 47076 47079 47084 47088 thru 47090 47093 47312 thru 47314 47364 and 47365 47368 47428 47446 and 47447 47452 thru 47456 47461 47496 47504 47522	I	JU	47754 48046 48048 48087 47425 47460 47469 and 47470 47472 and 47473 47532 47562 and 47563 47567 and 47568 47571 47582	II III I

<u>Operator</u>	<u>Factory Serial No.</u>	<u>Group</u>	<u>Operator</u>	<u>Factory Serial No.</u>	<u>Group</u>
KL	45720	I	ML	48026	III
	47102		(cont)	48049	
	47131 thru 47133				
	47168 thru 47170		NY	45788 and 45789	I
	47190 thru 47194			45792 and 45793	
	47201			47067	
	47279			47094	
	47462			47113	
	47514			47315 and 47316	
				47423 and 47424	
	48132 and 48133	II		47487	
				47490	
KQ	47478	I		47520	
				47531	
LM	47648	I		47539	
	47666			47638	
	49123 and 49124	III		48066	III
				49112 and 49113	
LV	47703	I		49127	
	47705				
	47712		OC	48027 and 48028	III
	47719 thru 47721			48062 and 48063	
	47727				
	47770	II	OD	45698 and 45699	I
	47782			45730	
				47010	
				47015	
MC	47651 and 47652	I		47060	
	47659 thru 47661				
	47726		OS	47458	I
				47484	
	47735	II		47555	
				47559	
	48056 and 48057	III			
	49120 thru 49122			47756	II
	49125				
				48015 thru 48021	III
ML	45710	I		48059	
	45737			49115	
	45741				
	45776		OZ	45772 and 45773	I
	45778 thru 45781			45798 and 45799	
	45783 and 45784			47001	
	47005			47027 thru 47030	
	47104 and 47105			47033	
	47202			47035	
	47527			47082	
	47547 thru 47549			47095 and 47096	

<u>Operator</u>	<u>Factory Serial No.</u>		<u>Group</u>	<u>Operator</u>	<u>Factory Serial No.</u>		<u>Group</u>
NZ (cont)	47107	thru 47109	I (cont)	RC (cont)	47078		I (cont)
	47134	thru 47137			47083		
	47172	thru 47174			47103		
	47248	thru 47251			47138	and 47139	
	47324				47144	and 47145	
	47343	thru 47345			47149	and 47150	
	47357				47155	and 47156	
	47409				47158		
	47411	and 47412			47160		
	47491				47162	thru 47164	
	47589				47171		
	47603				47182	and 47183	
	47617	and 47618			47185		
	47669				47205	and 47206	
	47711				47244		
	47734				47246	and 47247	
	48123	and 48124			47252	thru 47256	
					47263	and 47264	
					47280		
	49230				47337	and 47338	
	49245				47346	and 47347	
PS	45846		I		47362		
	47020				47369	and 47370	
	47023				47376		
	47068				47382		
					47389	thru 47391	
	48034	thru 48043			47404	thru 47406	
	48052	and 48053			47415	thru 47417	
	48092	thru 48099			47439	and 47440	
	49119				47450		
	49138	and 49139			47459		
	49142	and 49143			47517		
	49237				47566		
RC	45701		I		47572	and 47573	
	45703	thru 45705			47647		
	45707	thru 45709			47664		
	45723				47708	thru 47710	
	45744	thru 45749			47716	thru 47718	
	45770				47724		
	45787				47729		
	45825				47739		
	45827				47757	and 47758	
	45829	thru 45832			47769		
	47016	thru 47018			47774	thru 47776	
	47031				47785	thru 47787	
	47042				48100	thru 48102	II
	47049				48107	thru 48110	
	47063	and 47064			48121		
	47073				48148	and 48149	

<u>Operator</u>	<u>Factory Serial No.</u>		<u>Group</u>	<u>Operator</u>	<u>Factory Serial No.</u>		<u>Group</u>
RC (cont)	48054	and 48055	III	TK	45774		I
	48086				47397		
	48088	thru 48091			47442		
	49110				47451		
					47488	and 47489	
RS	45721	and 45722	I		47534		
					47674		
SI	48079	and 48080	III		47723		
	49103	and 49104		TN	47007		I
	49111				47009		
	49126				47326		
SK	47114	thru 47117	I		47418	and 47419	
	47178	thru 47180			47528		
	47286	thru 47288			47550	thru 47552	
	47301	thru 47303		TW	49153	and 49154	III
	47305	thru 47308			49156	and 49157	
	47360	and 47361			49160		
	47395	and 47396			49165	and 49166	
	47413	and 47414			49169	and 49170	
	47464				49182	thru 49187	
	47492	thru 47494		XAS	49246		III
	47497	thru 47499			49249		
	47509	thru 47513			49260	and 49261	
	47596	and 47597					
	47599						
	47610						
	47623	thru 47634		XLL	47672	and 47673	I
	47646				47680		
	47725						
	47747	and 47748		XZD	45826		I
					47011		
	47750		II		47152		
	47766						
	47777	thru 47779		YA	45732		I
SR	45790		I	YBB	47479		I
	47282						
	47383				49101		III
	47480						
	47523			YMP	48022		III
	47654	thru 47658			49144		
	47662	and 47663					
SR	47783	and 47784	II	ZAF	47241	and 47242	I
					47295		
	48002	thru 48014	III		47297	thru 47300	
	49100				47366	and 47367	
					47448	and 47449	
					47467		
					47471		
					47475		

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<u>Operator</u>	<u>Factory Serial No.</u>	<u>Group</u>	<u>Operator</u>	<u>Factory Serial No.</u>	<u>Group</u>
ZAF	47495 47536 thru 47538 47540 and 47541 47668 47670 and 47671		ZNV	48137 48165 and 48166	II
ZBM	47087	I	ZOR	45828 47012 47014 47055 47062 47086 47153 47240	I
ZCA	47061	I			
ZCP	47151	I			
ZGM	45782	I	ZRS	45797	I
ZGU	45740	I	ZS8	45711 45725 47013	I
ZIG	47595 47600	I			
ZKD	45775	I	ZVB	47000	I
ZKG	47690 and 47691	I	ZWH	45731 47466 47486 47516 47525 47529	I
ZKL	47154	I			
ZNV	47003 and 47004 47041 47065 47221 47325 47410 47476 47577 and 47578 47580 and 47581 47584 thru 47587 47639 47681 47684 47687 47698 thru 47700	I	ZWX	45718 45727 47309	I
			ZY0	45702	I
			ZZC	47097	I
			Z4F	45706	I
			Z5G	47175	I
			2C	47070	I

(b) Other Aircraft:

<u>Factory Serial No.</u>	<u>Group</u>
47501 47526	I
48000	III

NOTE: Aircraft listed under Other Aircraft are affected by this Service Bulletin but were not assigned to any specific operator at time of Service Bulletin issue.

This modification will be incorporated prior to delivery on all applicable MD-80 aircraft, manufacturer's fuselage number 1159 and subsequent.

(2) Spares Affected:

None.

B. Reason:

Replacement of the lavatory motor pump presently requires that the wires connecting the motor pump and timer be unclamped and separated from an adjacent wire bundle. Occasionally, reclamping of the wires subsequent to motor pump replacement has been inadvertently omitted. Failure to reclamp the wires could result in damage to wires. Accomplishment of this modification, which reroutes the wires between the motor pump and timer away from the adjacent wire bundle, will allow for the replacement of the motor pump without disturbing the adjacent wire bundle and clamps, resulting in a reduction in man-hours required for motor pump replacement.

C. Description:

All Groups

This modification revises the routing and clamping of the wires between the lavatory motor pump and timer, typical for all lavatories.

D. Compliance:

It is recommended that this modification be accomplished at operator's convenience.

E. Approval:

The resultant modification described in paragraph 1.C has been shown to comply with the applicable Federal Aviation Regulations and is approved by the Manager, Los Angeles Area Aircraft Certification Office, FAA Northwest Mountain Region, on August 6, 1985.

F. Manpower:

For maintenance scheduling purposes, lavatories may be modified independently at different time periods.

This modification may be accomplished in the following approximate man-hours or elapsed hours per lavatory:

<u>Work Phases</u>	<u>Man-Hours</u>	
	<u>Per Group</u>	
	<u>I</u>	<u>II or III</u>
Gain Access	0.5	0.5
Modify (Aircraft)	1.5	1.0
Close Up	0.5	0.5
Functional Check	<u>0.1</u>	<u>0.1</u>
Total Man-Hours	2.6	2.1
Total Elapsed Hours	2.6	2.1

NOTE: Man-hours are estimated based on the assumption that the aircraft/unit has been placed in a maintenance status. The man-hour/elapsed time estimates do not include:

1. Preparation for the modification: Examples; defueling, purging, placing work stands, opening standard access doors, obtaining tools, and jacking when not essential to the modification.
2. Nonproductive elapsed time: Examples; sealant or adhesive cure time, cleaning, paint drying time, lunch and/or rest periods, and quality assurance inspections.
3. Administrative functions: Examples; planning, engineering liaison, parts requisition, shift change coordination, and report writing.

Operators should take the above into consideration when scheduling this modification.

G. Material - Cost and Availability:

(1) Aircraft:

Parts and materials required to accomplish this modification are listed in paragraph 3.A and are to be procured from operator's stock or sources indicated in paragraph 3.A.

(2) Spares:

Not applicable.

H. Tooling - Price and Availability:

None.

I. Weight and Balance:

None.

J. References:

(1) Airworthiness Directive No. 85-07-10: Amendment 39-5034, dated May 13, 1985.

(2) Data used in preparation of this Service Bulletin:

<u>Data Identification</u>	<u>Change</u>	<u>Type of Data</u>
DPM 2091 and 2306		Douglas Process Material
MM Chapter 38		Maintenance Manual
5939030	CM	Drawing
5939032	AV	Drawing
5939032	AY	Advance E.O.
5953032	AA	Drawing
5953034	AT	Drawing
5953034	AW	Advance E.O.
7939031	BS	Drawing
7939031	BV	Advance E.O.
7939033	AF	Drawing
7939033	AJ	Advance E.O.
7953033	Z	Drawing
7953035	AV, Memo 11	E.O.
7953035	AW	Drawing
7955327	New	Service Rework Drawing

K. Publications Affected:

None.

2. Accomplishment Instructions:

WARNING: TO AVOID INJURY TO PERSONNEL OR DAMAGE TO EQUIPMENT, MAKE CERTAIN ADEQUATE PRECAUTIONS ARE TAKEN WHILE PERFORMING ANY WORK IF ELECTRICAL POWER IS APPLIED TO THE AIRCRAFT.

CAUTION: ELECTRICALLY GROUND THE AIRCRAFT.

NOTE: Instructions are typical for all lavatory locations, as applicable.

Groups I, II, and III, Except as Noted

- A. Gain access to work area by removing lavatory toilet shroud.
(See Maintenance Manual chapter 38-30-1, paragraph entitled "Removal/Installation Toilet Waste Tanks.")
- B. Groups I and II - Reroute and reclamp lavatory pump-to-timer wire assembly installation as shown on Figure 1.
- C. Group III - Reroute and reclamp lavatory pump-to-timer wire assembly installation as shown on Figure 2.
- D. Reinstall lavatory toilet shroud.

GROUP I

- ① OPEN WASHSTAND DOOR.
- ② INSTALL ASMS-A SWIVEL MOUNTS USING 501 ADHESIVE WITH 501A ACCELERATOR.
- ③ REMOVE EXISTING SST2I STA-STRAPS AND CLAMPS FROM WIRE BUNDLE TO SEPARATE LAVATORY PUMP-TO-TIMER WIRE ASSEMBLY FROM OTHER WIRES.
- ④ RELOCATE SEPARATED WIRE RUNS AS SHOWN.

NOTE: WIRES MAY BE SPLICED USING 324548 SPLICES, IF REQUIRED.

REMOVE AND REINSTALL TOILET HOSES AND CLAMPS AS NECESSARY TO RELOCATE WIRE RUN.

- ⑤ INSTALL PERMACEL P-421 TEFLON TAPE ON WIRING EXTENDING INTO CONDUIT.
- ⑥ REVISE CLAMPING AS SHOWN USING NEW AND EXISTING ATTACHING PARTS.

NOTE: IT IS PERMISSIBLE TO USE LARGER OR SMALLER CLAMPS TO ENSURE A PROPER FIT.

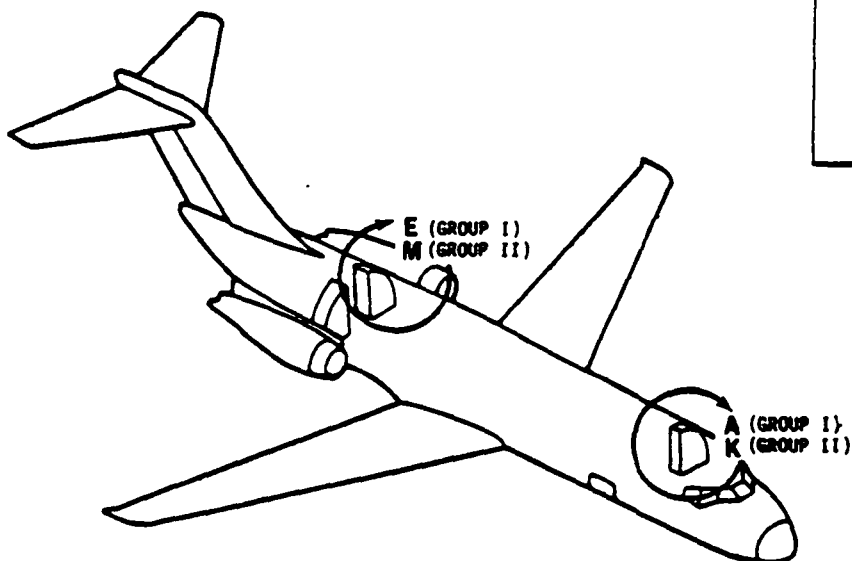
- ⑦ CLOSE WASHSTAND DOOR.

GROUP II

- ⑧ OPEN WASHSTAND DOOR.
- ⑨ REMOVE EXISTING SST2I STA-STRAPS AND CLAMPS FROM WIRE BUNDLE TO SEPARATE LAVATORY PUMP-TO-TIMER WIRE ASSEMBLY FROM OTHER WIRES.
- ⑩ REVISE CLAMPING AS SHOWN USING NEW AND EXISTING ATTACHING PARTS.

NOTE: IT IS PERMISSIBLE TO USE LARGER OR SMALLER CLAMPS TO ENSURE A PROPER FIT.

- ⑪ CLOSE WASHSTAND DOOR.

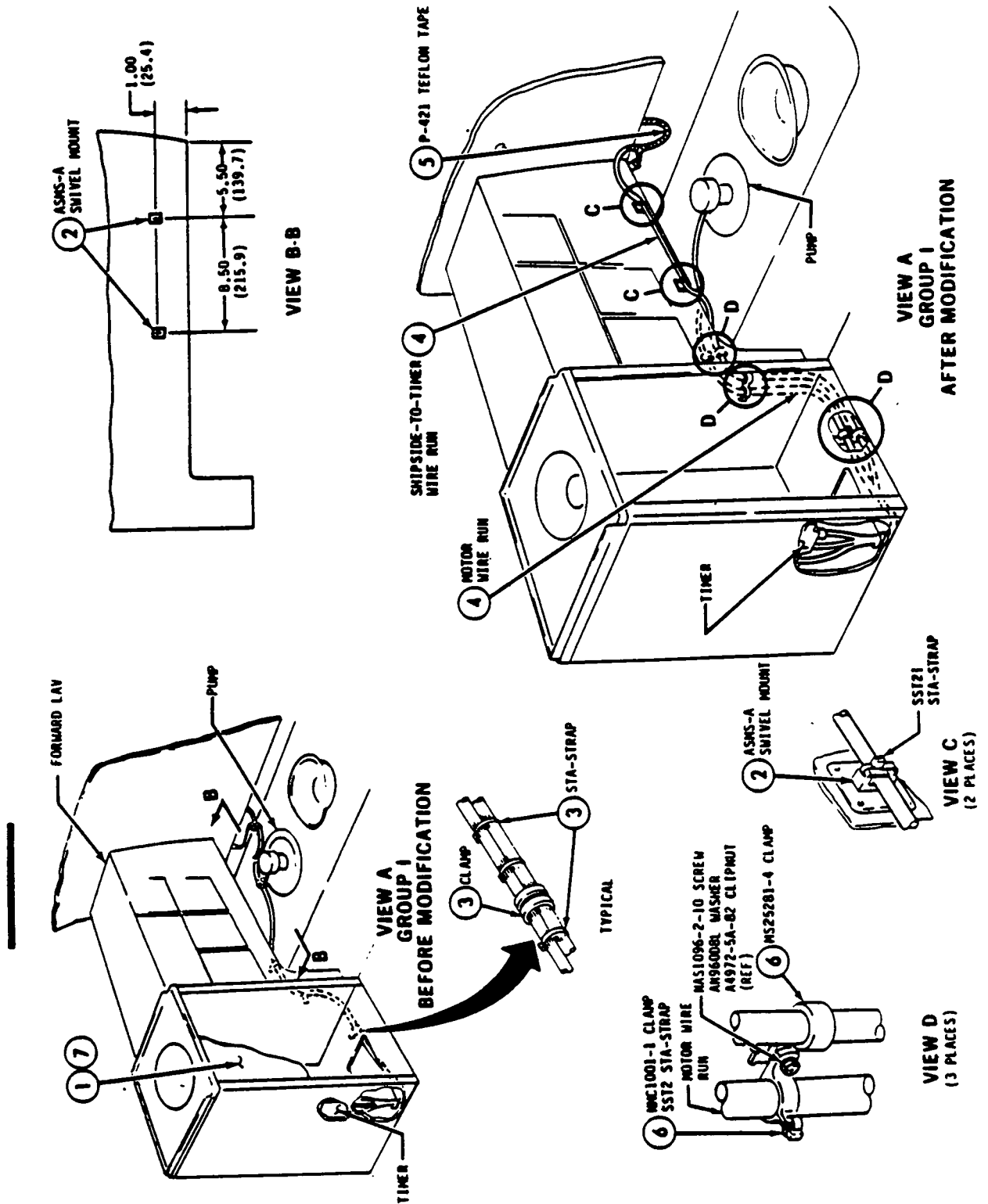


NOTE: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES; METRIC SYSTEM EQUIVALENTS SHOWN IN PARENTHESES ARE IN MILLIMETERS

TOLERANCES

ANGLES	± 0° 30'
3 PLACE DECIMAL	± .015 (0.38)
2 PLACE DECIMAL	± .03 (0.8)

REROUTE AND RECLAMP LAVATORY PUMP WIRES



REROUTE AND RECLAMP LAVATORY PUMP WIRES

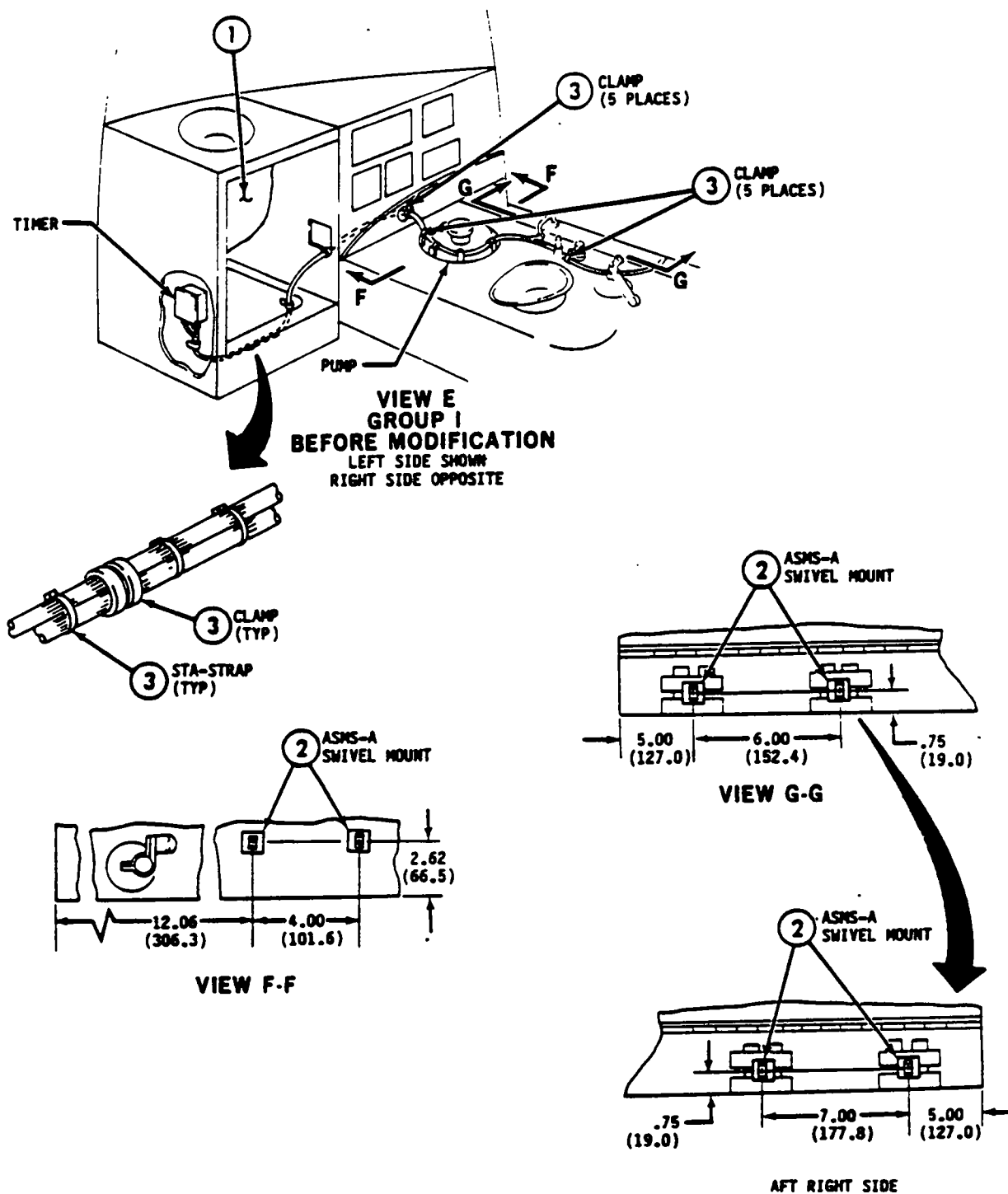
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FIGURE 1 (SHEET 2 OF 6)

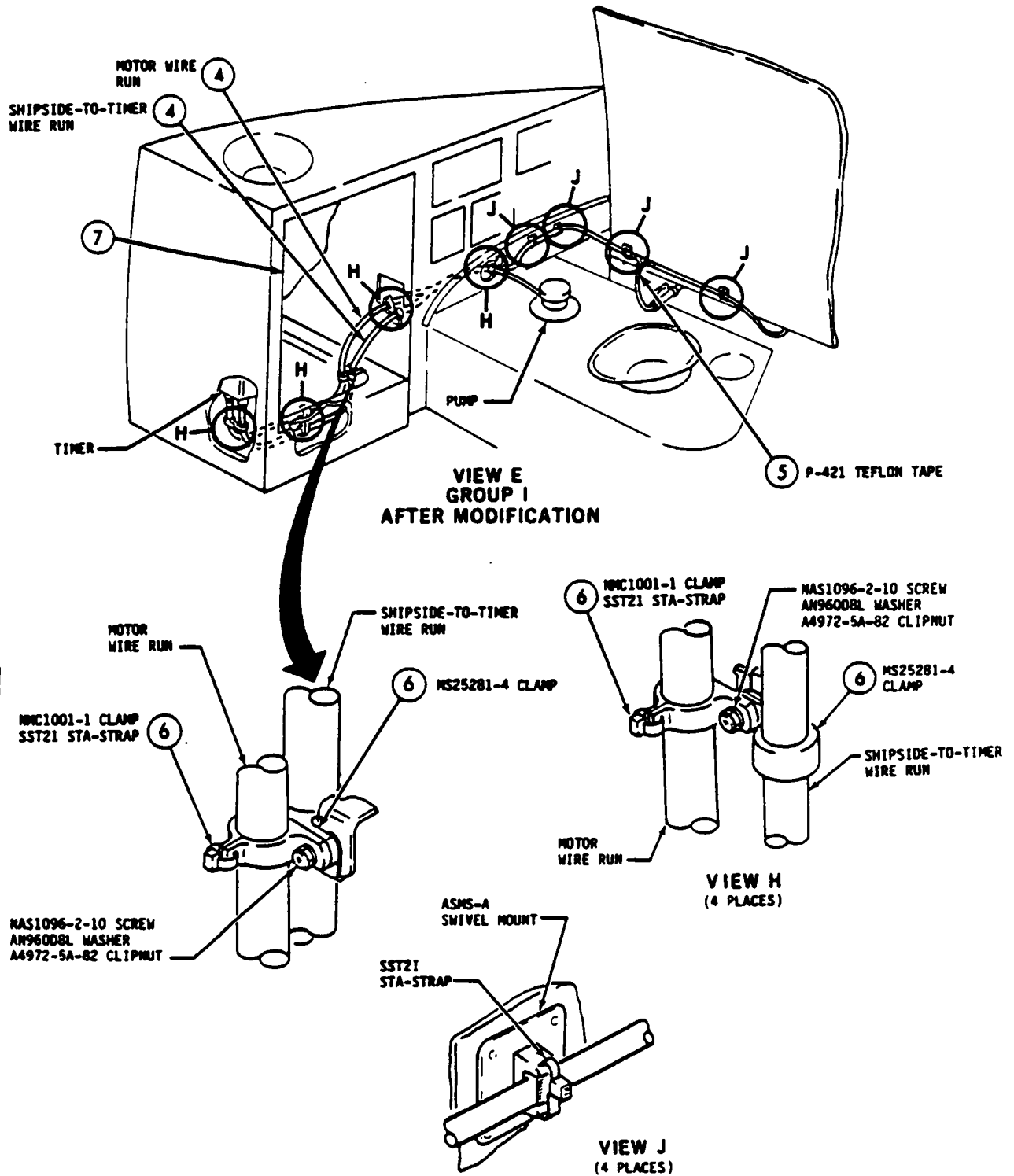
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REROUTE AND RECLAMP LAVATORY PUMP WIRES



REROUTE AND RECLAMP LAVATORY PUMP WIRES

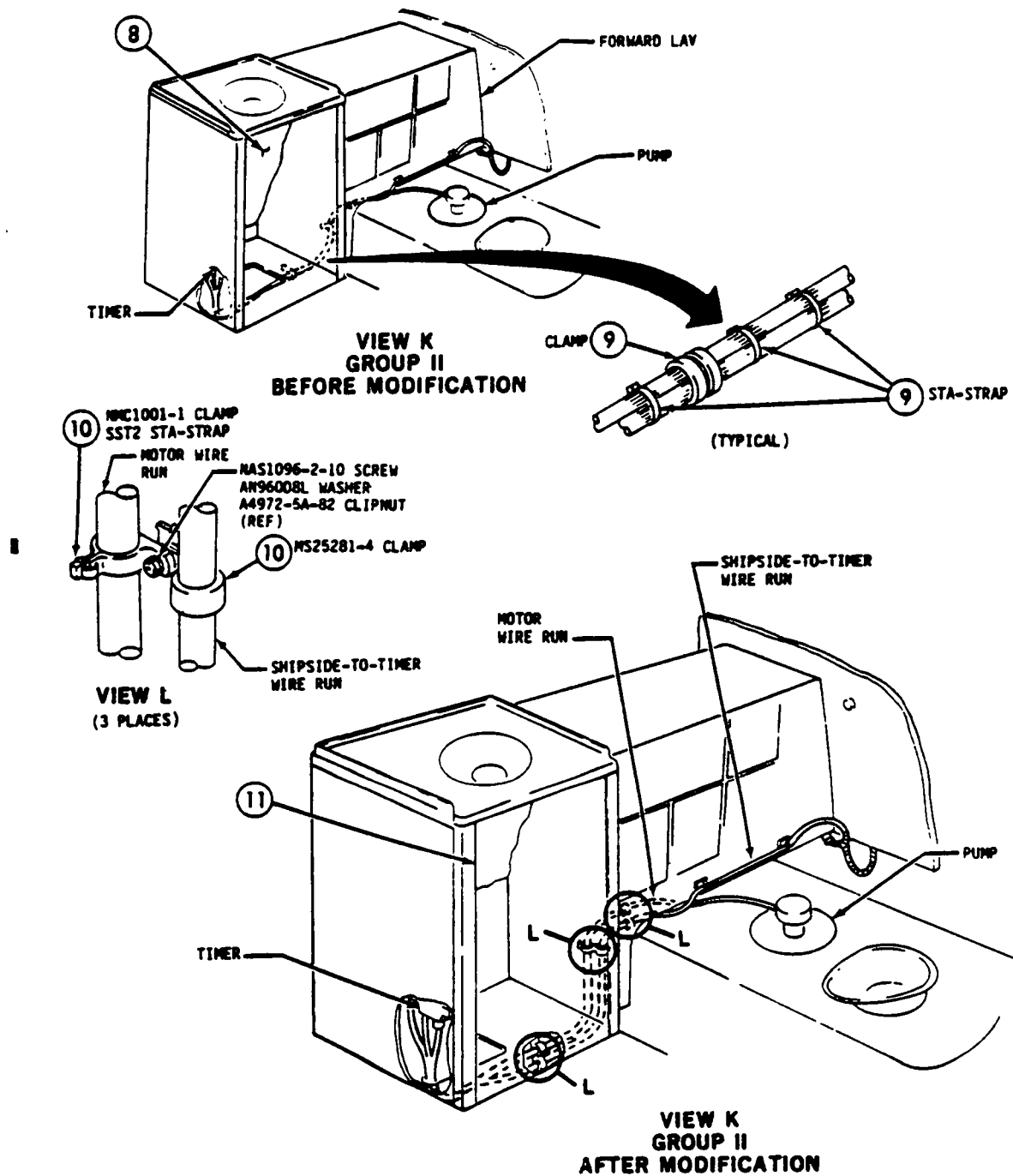
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FIGURE 1 (SHEET 4 OF 6)

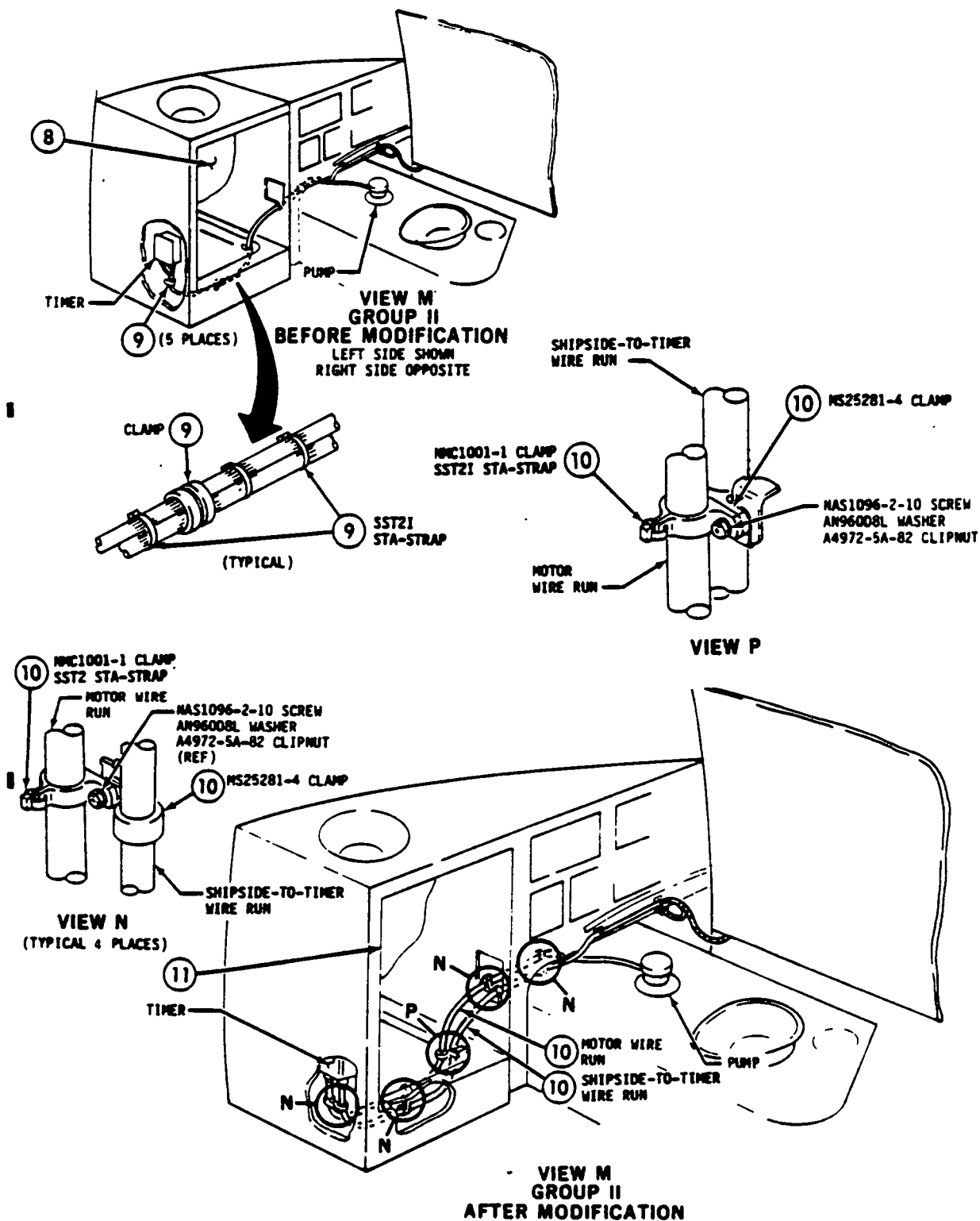
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REROUTE AND RECLAMP LAVATORY PUMP WIRES



REROUTE AND RECLAMP LAVATORY PUMP WIRES

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FIGURE 1 (SHEET 6 OF 6)

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GROUP III

- ① OPEN WASHSTAND DOOR.
- ② REMOVE EXISTING SST21 STA-STRAPS FROM WIRE BUNDLE TO SEPARATE LAVATORY PUMP-TO-TIMER WIRE ASSEMBLY FROM OTHER WIRES.
- ③ REVISE WIRE RUN CLAMPING USING NEW AND EXISTING ATTACHING PARTS.

NOTE: WIRES MAY BE SPLICED USING D-144-43 SPLICES, IF REQUIRED.

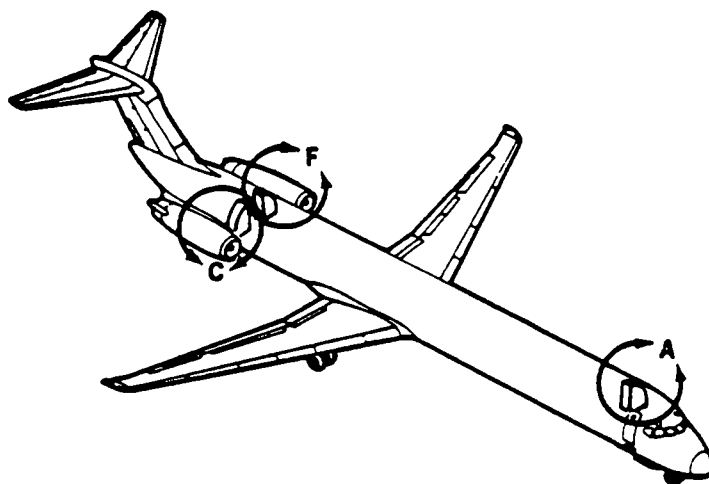
IT IS PERMISSIBLE TO USE LARGER OR SMALLER CLAMPS TO ENSURE A PROPER FIT.

- ④ CLOSE WASHSTAND DOOR.

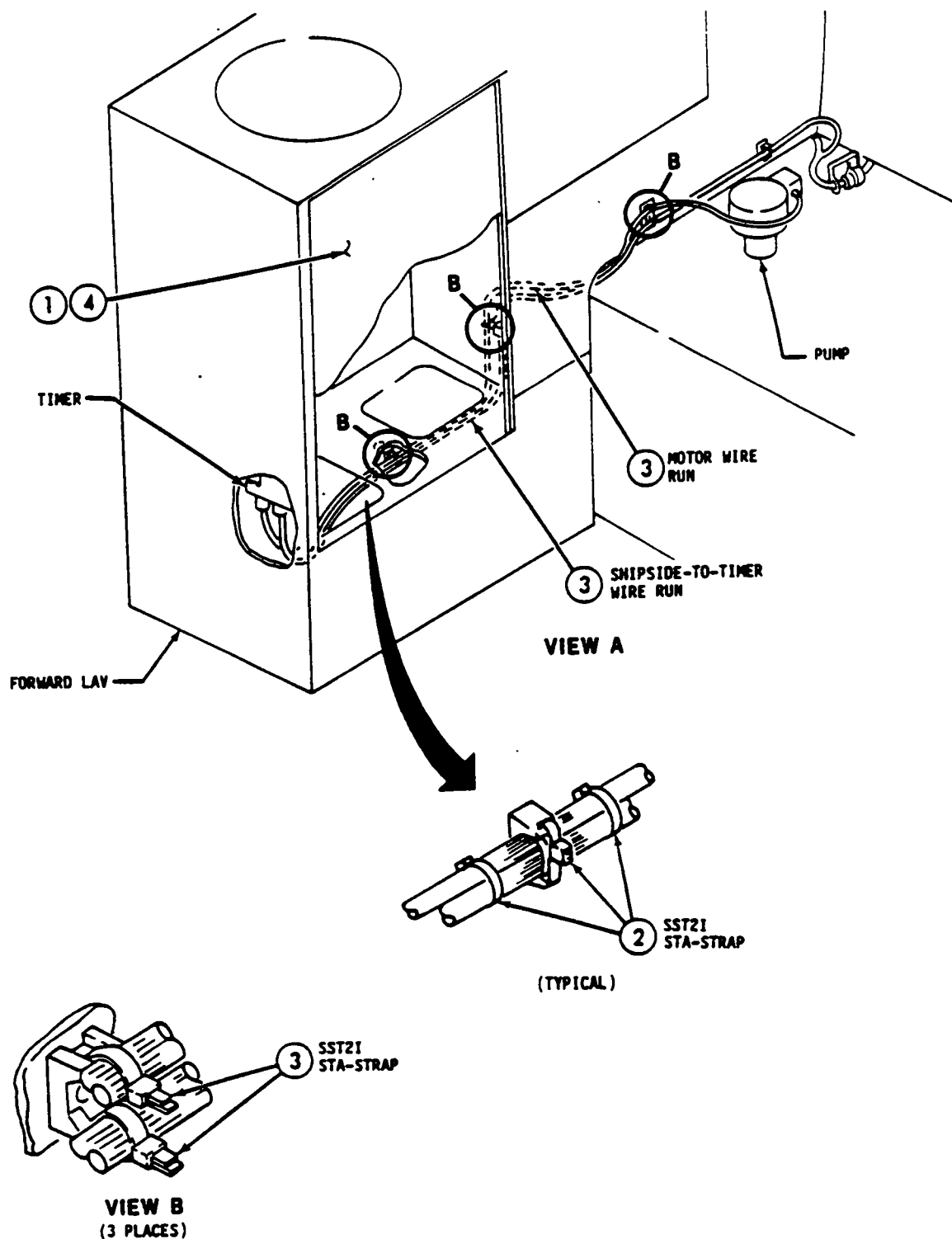
NOTE: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES; METRIC SYSTEM EQUIVALENTS SHOWN IN PARENTHESES ARE IN MILLIMETERS.

TOLERANCES

ANGLES	± 0° 30'
3 PLACE DECIMAL	± .015 (0.38)
2 PLACE DECIMAL	± .03 (0.8)



REVISE CLAMPING FOR LAVATORY PUMP WIRES



REVISE CLAMPING FOR LAVATORY PUMP WIRES

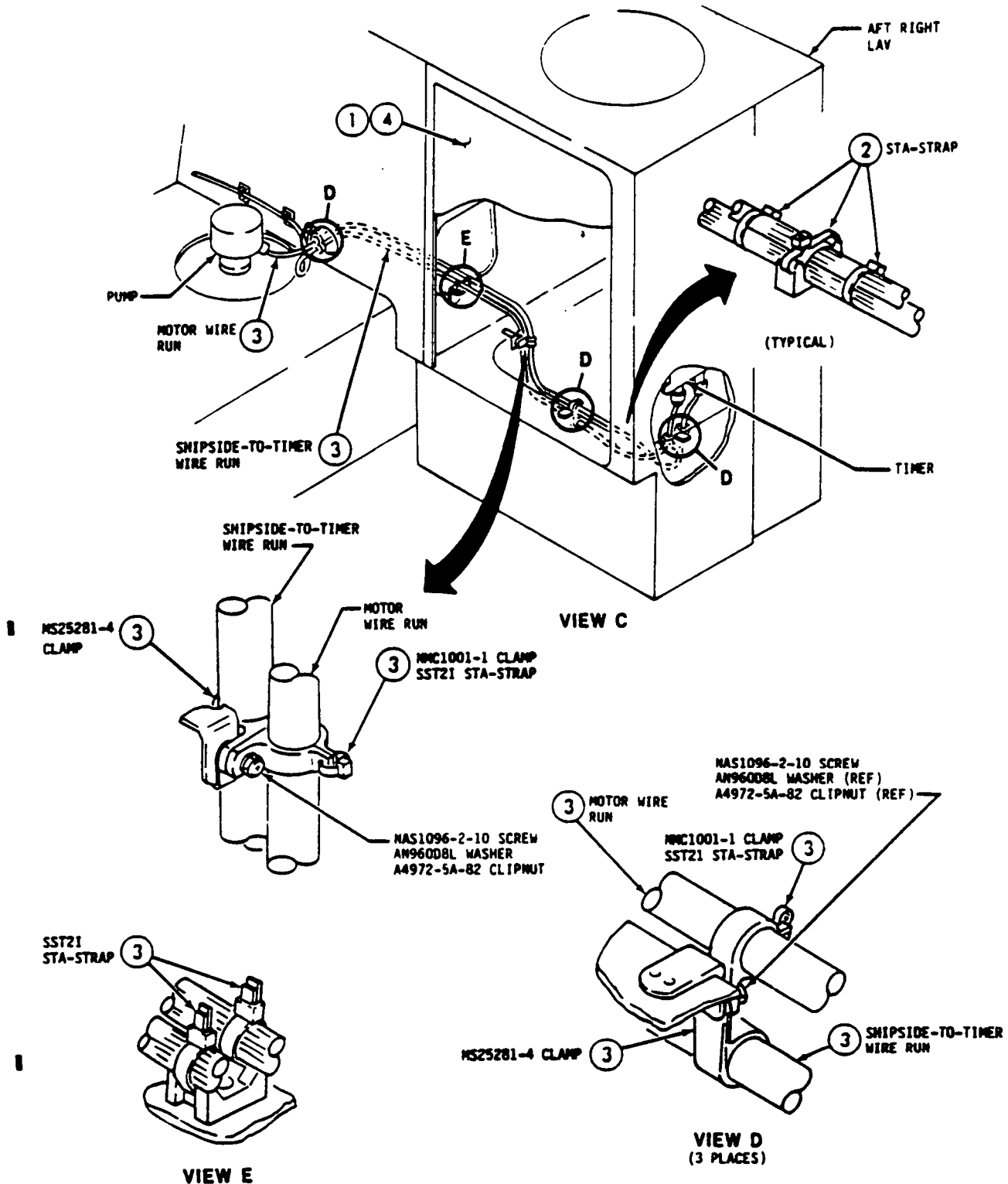
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FIGURE 2 (SHEET 2 OF 4)

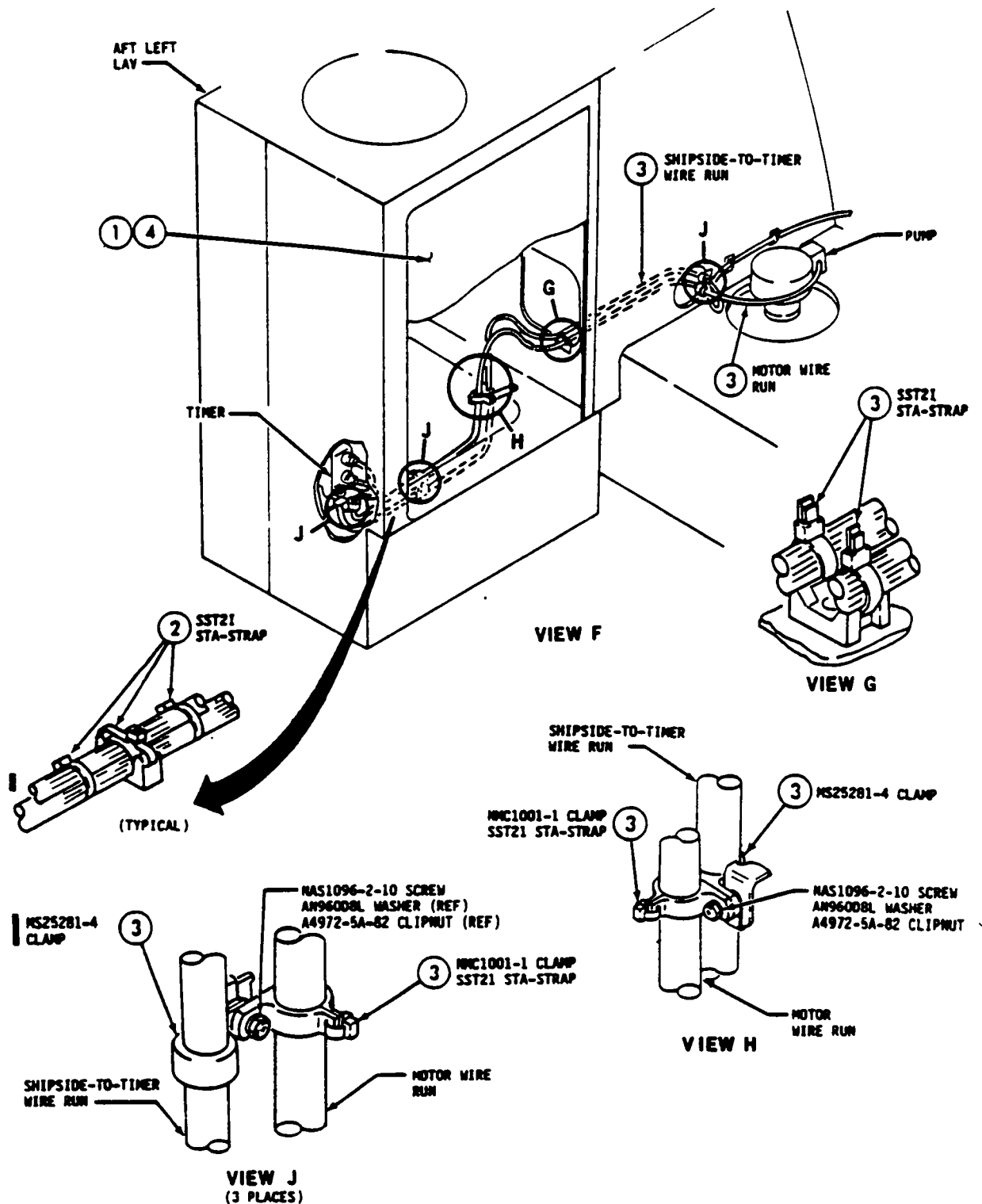
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REVISE CLAMPING FOR LAVATORY PUMP WIRES



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FIGURE 2 (SHEET 4 OF 4)

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3. Material Information:A. The basis for the following material data is per aircraft.

(1) Parts and materials to be procured from operator's stock or sources indicated.

NOTE: FSCM indicates Federal Supply Code for Manufacturers.

Maximum quantities of splices are shown. Actual quantities to be determined by the operator.

Part/Material	Qty Per Group I or II Applicable to			Qty Group III Applicable to			FSCM	Supplier
	Fwd Left Lav	Aft Left Lav	Aft Right Lav or Lav	Fwd Left Lav	Aft Left Lav	Aft Right Lav		
■ AN96008L Washer	3		5		4	4		
ASMS-A Swivel Mount	2		4	2	2	2	06383	Panduit Corporation 17301 Ridgeland Tinley Park, Illinois 60477
■ SST21 Sta-Strap	5		9	6	6	6		
A4972-5A-82 Clipnut	4		4				72962	ESNA Division of Amerace Corporation 2330 Vauxhall Road Union, New Jersey 07083
D-144-43 Splice				9	9	9	06090	Raychem Corporation 300 Constitution Drive Menlo Park, California 94025
■ *MS25281-4 Clamp	3		5		4	4		
NAS1096-2-10 Screw	3		5		4	4		
*MPC1001-1 Clamp	3		5		4	4	03296	Nylon Molding Corporation 4989 Santa Anita Avenue Tempe City, California 91780
■ Permacel P-421 Teflon Tape or Equivalent (DPM 2306)	36 In.	36 In.		36 In.	36 In.	36 In.	99742	Permacel Division of Johnson and Johnson P. O. Box 671 New Brunswick, New Jersey 08903
324548 Splice	9		9				00779	AMP Incorporated Automatic Machine Division Eisenhower Boulevard Harrisburg, Pennsylvania 17105
501 Adhesive with 501A Accelerator or Equivalent (DPM 2091)	50- Gram Kit	50- Gram Kit		50- Gram Kit	50- Gram Kit	50- Gram Kit	83527	Essex Chemical Corporation Coast Pro-Seal Division 19451 Susana Road Compton, California 90221

■ *It is permissible to use larger or smaller clamps to ensure proper fit.

B. The basis for the following material data is per spares.

None.

PJC
AMM

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