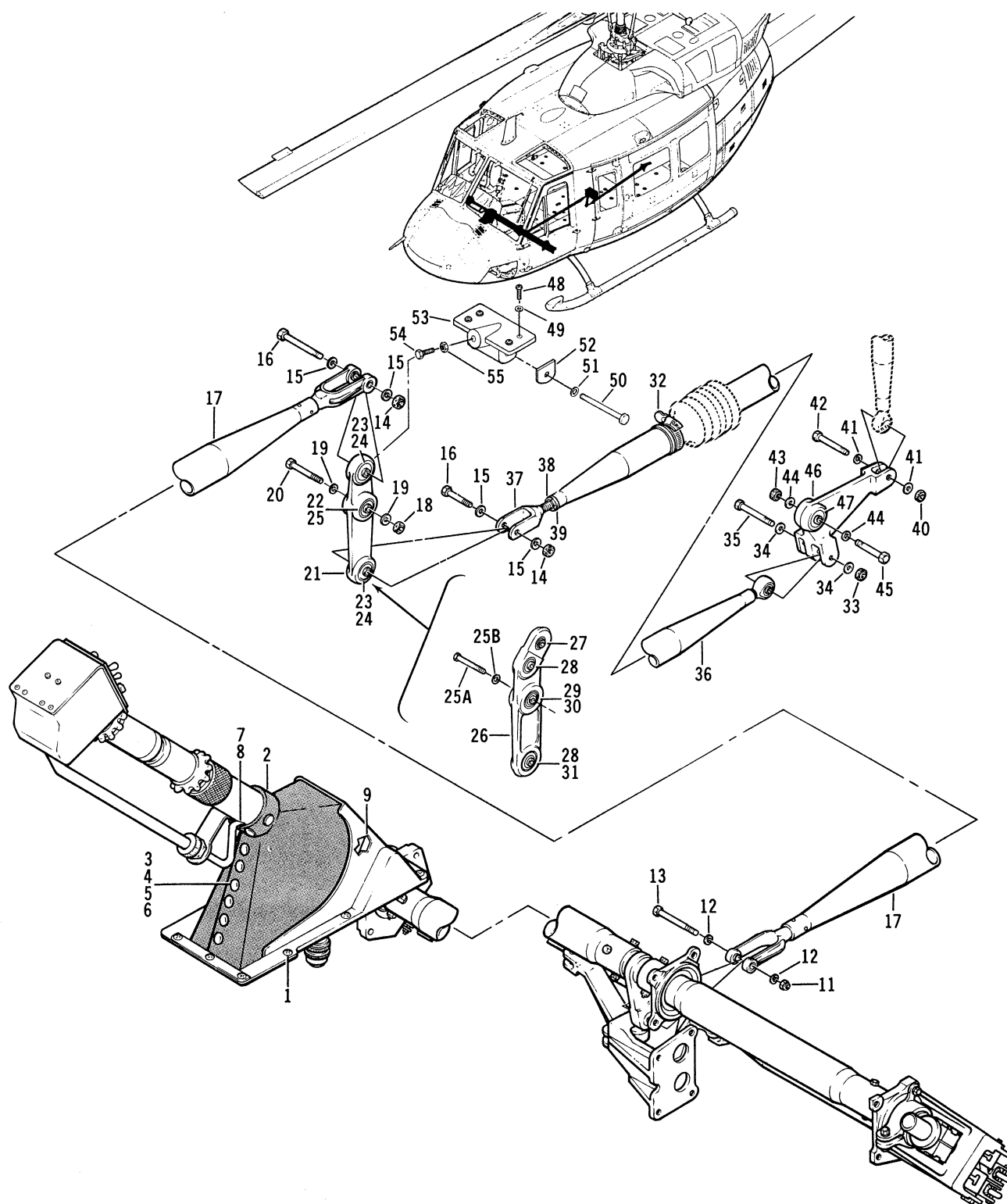


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212-67-1001  
C0000

Figure 67-1. Controls installation, collective pitch

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-1. Controls Installation, Collective Pitch</b>  |                            |                              |                    |
|                        | 212-001-001-003    | CONTROLS INSTL, COLLECTIVE PITCH<br>(S/N 30504 THRU 30596, 30604 THRU 30610)<br>(SEE FIG. 2 FOR BALANCE OF BREAKDOWN)..... | 1                          | NP                           |                    |
|                        | 212-001-001-011    | CONTROLS INSTL, COLLECTIVE PITCH<br>(S/N 30597 THRU 30603, 30611 THRU 30795)<br>(SEE FIG. 2 FOR BALANCE OF BREAKDOWN)..... | 1                          | NP                           |                    |
|                        | 212-001-001-015    | CONTROLS INSTL, COLLECTIVE PITCH<br>(S/N 30796 THRU 30849) (SEE FIG. 2<br>FOR BALANCE OF BREAKDOWN).....                   | 1                          | NP                           |                    |
|                        | 212-001-001-013    | CONTROLS INSTL, COLLECTIVE PITCH<br>(S/N 30850 THRU 31256) (SEE FIG. 2<br>FOR BALANCE OF BREAKDOWN).....                   | 1                          | NP                           |                    |
|                        | 212-001-001-101    | CONTROLS INSTL, COLLECTIVE PITCH<br>(S/N 31257 THRU 31311, 35001 THRU 35023)<br>(SEE FIG. 2 FOR BALANCE OF BREAKDOWN)..... | 1                          | NP                           |                    |
|                        | 212-001-001-103    | CONTROLS INSTL, COLLECTIVE PITCH<br>(S/N 35024 THRU 35048) (SEE FIG. 2<br>FOR BALANCE OF BREAKDOWN).....                   | 1                          | NP                           |                    |
|                        | 212-001-001-107    | CONTROLS INSTL, COLLECTIVE PITCH<br>(S/N 35049 THRU 35062) (SEE FIG. 2<br>FOR BALANCE OF BREAKDOWN).....                   | 1                          | NP                           |                    |
|                        | 212-001-001-111    | CONTROLS INSTL, COLLECTIVE PITCH<br>(S/N 35063 THRU 35088) (SEE FIG. 2<br>FOR BALANCE OF BREAKDOWN).....                   | 1                          | NP                           |                    |
|                        | 212-001-001-113    | CONTROLS INSTL, COLLECTIVE PITCH<br>(S/N 35089 THRU 35102) (SEE FIG. 2<br>FOR BALANCE OF BREAKDOWN).....                   | 1                          | NP                           |                    |
|                        | 212-001-001-115    | CONTROLS INSTL, COLLECTIVE PITCH<br>(S/N 35103 THRU SUB) (SEE FIG. 2<br>FOR BALANCE OF BREAKDOWN).....                     | 1                          | NP                           |                    |
| 1                      | AN525-10R8         | .SCREW (REPLACED BY 120-220-3P8) .....   | 10                         | P                            |                    |
| 1                      | 120-220-3P8        | .SCREW (REPLACES AN525-10R8) .....   | 10                         | SP                           |                    |
|                        | 204-001-306-033    | .BOOT ASSY (REPLACED BY 204-001-306-055<br>AND -101) .....   | 1                          | NP                           |                    |
|                        | 204-001-306-055    | .BOOT ASSY (REPLACES 204-001-306-033)<br>(REPLACED BY 204-001-306-101).....  | 1                          | NP                           |                    |
|                        | 204-001-306-101    | .BOOT ASSY (REPLACES 204-001-306-033<br>AND -055).....   | 1                          | NP                           |                    |
| 2                      | 204-001-306-003    | ..BODY ASSY (USBL ON 204-001-306-033) .....  | 1                          |                              |                    |
| 2                      | 204-001-306-047    | ..BODY ASSY (USBL ON 204-001-306-055,-101) .....   | 1                          |                              |                    |
| 3                      | MS27980-1B         | ...BUTTON .....  | 7                          | SP                           |                    |
| 4                      | MS27980-6B         | ...SOCKET .....  | 7                          | SP                           |                    |
| 5                      | MS27980-7B         | ...STUD .....  | 7                          | SP                           |                    |
| 6                      | MS27980-8B         | ...EYELET .....  | 7                          | SP                           |                    |
| 7                      | 50-029S7C2         | ...HOOK (USBL ON 204-001-306-047)<br>(MAKE FROM 50-029S7C) .....   | 1                          | NP                           |                    |
| 7                      | 50-029S7C          | ...HOOK (USBL ON 204-001-306-047) .....  | 1                          |                              |                    |
| 8                      | 50-029S8C2         | ...PILE (USBL ON 204-001-306-047)<br>(MAKE FROM 50-029S8C) .....   | 1                          | NP                           |                    |
| 8                      | 50-029S8C          | ...PILE (USBL ON 204-001-306-047) .....  | 1                          |                              |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-1. Controls Installation, Collective Pitch (Cont'd)</b>  |                            |                              |                    |
| 9                      | 214-001-245-001    | ..RETAINER (USBL ON 204-001-306-055,-101) .....   | 1                          | P                            |                    |
|                        | 212-001-160-003    | ..JACKSHAFT INSTL (S/N 30504 THRU 30596)<br>(SEE FIG. 3 FOR BREAKDOWN) .....  | 1                          | NP                           |                    |
|                        | 212-001-160-013    | ..JACKSHAFT INSTL (S/N 30597 THRU 30603, 30611<br>THRU 30614) (SEE FIG. 3 FOR BREAKDOWN) .....                        | 1                          | NP                           |                    |
|                        | 212-001-160-011    | ..JACKSHAFT INSTL (S/N 30597 THRU 35023)<br>(SEE FIG. 3 FOR BREAKDOWN) .....  | 1                          | NP                           |                    |
|                        | 212-001-160-103    | ..JACKSHAFT INSTL (S/N 35024 THRU 35048)<br>(SEE FIG. 3 FOR BREAKDOWN) .....  | 1                          | NP                           |                    |
|                        | 212-001-160-109    | ..JACKSHAFT INSTL (S/N 35049 THRU 35062)<br>(SEE FIG. 3 FOR BREAKDOWN) .....  | 1                          | NP                           |                    |
|                        | 212-001-160-117    | ..JACKSHAFT INSTL (S/N 35063 THRU 35103)<br>(SEE FIG. 3 FOR BREAKDOWN)<br>(REPLACED BY 212-001-160-129) .....         | 1                          | NP                           |                    |
|                        | 212-001-160-129    | ..JACKSHAFT INSTL (S/N 35063 THRU SUB)<br>(SEE FIG. 3 FOR BREAKDOWN)<br>(REPLACES 212-001-160-117) .....              | 1                          | NP                           |                    |
| 11                     | MS17825-5          | ..NUT (REPLACED BY MS14144L5) .....   | 1                          | NP                           |                    |
| 11                     | MS14144L5          | ..NUT (REPLACES MS17825-5) .....  | 1                          | SP                           |                    |
| 12                     | AN960PD416         | ..WASHER (REPLACED BY AN960JD416) .....   | 2                          | NP                           |                    |
| 12                     | AN960JD416         | ..WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) .....   | 2                          | P                            |                    |
| 12                     | NAS1149D0463J      | ..WASHER (REPLACES AN960JD416) .....  | 2                          | SP                           |                    |
| 13                     | AN174-20           | ..BOLT .....  | 1                          | SP                           |                    |
| 14                     | MS17825-4          | ..NUT (REPLACED BY MS14144L4) .....   | 2                          | NP                           |                    |
| 14                     | MS14144L4          | ..NUT (REPLACES MS17825-4) .....  | 2                          | SP                           |                    |
| 15                     | AN960PD416         | ..WASHER (REPLACED BY AN960JD416) .....   | 4                          | NP                           |                    |
| 15                     | AN960JD416         | ..WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) .....   | 4                          | P                            |                    |
| 15                     | NAS1149D0463J      | ..WASHER (REPLACES AN960JD416) .....  | 4                          | SP                           |                    |
| 16                     | AN174-14           | ..BOLT .....  | 2                          | SP                           |                    |
| 17                     | 204-001-027-023    | ..TUBE ASSY .....   | 1                          | SP                           |                    |
| 18                     | MS17825-5          | ..NUT (S/N 30504 THRU 31311, 35001 THRU 35088)<br>(REPLACED BY MS14144L5) .....                                       | 1                          | NP                           |                    |
| 18                     | MS14144L5          | ..NUT (S/N 30504 THRU 31311, 35001 THRU 35088)<br>(REPLACES MS17825-5) .....  | 1                          | SP                           |                    |
| 19                     | AN960PD516         | ..WASHER (S/N 30504 THRU 31311, 35001 THRU 35088)<br>(REPLACED BY AN960JD516) .....                                   | 2                          | P                            |                    |
| 19                     | AN960JD516         | ..WASHER, FLAT (S/N 30504 THRU 31311, 35001<br>THRU 35088) (REPLACES AN960PD516)<br>(REPLACED BY NAS1149D0563J) ..... | 2                          | P                            |                    |
| 19                     | NAS1149D0563J      | ..WASHER (S/N 30504 THRU 31311, 35001 THRU 35088)<br>(REPLACES AN960JD516) .....                                      | 2                          | SP                           |                    |
| 20                     | AN175-16           | ..BOLT (S/N 30504 THRU 31311, 35001<br>THRU 35088) .....  | 1                          | SP                           |                    |
| 21                     | 204-001-603-001    | ..LEVER ASSY (S/N 30504 THRU 30849) .....   | 1                          | SP                           |                    |
| 22                     | DW5                | ..BEARING(38443). (REPLACED BY MS27647-5) .....   | 1                          | NP                           |                    |
| 22                     | MS27647-5          | ..BEARING(38443). (REPLACES DW5) .....  | 1                          | SP                           |                    |
| 23                     | AN206DSP4          | ..BEARING (REPLACED BY MS27643-4) .....   | 2                          | NP                           |                    |
| 23                     | MS27643-4          | ..BEARING (REPLACES AN206DSP4) .....  | 2                          | SP                           |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-1. Controls Installation, Collective Pitch (Cont'd)</b>                                   |                            |                              |                    |
| 24                     | 23S4-4A            | ..BUSHING (REPLACED BY 120-013-4A) .....   | 2                          | NP                           |                    |
| 24                     | 120-013-4A         | ..SLEEVE (REPLACES 23S4-4A) .....  | 2                          | SP                           |                    |
| 25                     | 23S6-5A            | ..BUSHING (REPLACED BY 120-015-5A) .....   | 1                          | NP                           |                    |
| 25                     | 120-015-5A         | ..SLEEVE (REPLACES 23S6-5A) .....  | 1                          | SP                           |                    |
| 25A                    | 20-057-5-22H       | .BOLT (S/N 35089 THRU SUB) .....   | 1                          | SP                           |                    |
| 25B                    | AN960JD516         | .WASHER, FLAT (S/N 35089 THRU SUB)<br>(REPLACED BY NAS1149D0563J) .....                                | 1                          | P                            |                    |
| 25B                    | NAS1149D0563J      | .WASHER (S/N 35089 THRU SUB)<br>(REPLACES AN960JD516) .....  | 1                          | SP                           |                    |
| 26                     | 212-001-210-001    | .LEVER ASSY (S/N 30850 THRU SUB) .....   | 1                          | SP                           |                    |
| 27                     | 209-001-051-001    | ..BEARING .....  | 1                          | SP                           |                    |
| 28                     | MS20206DSP4        | ..BEARING (REPLACED BY MS27643-4) .....  | 2                          | NP                           |                    |
| 28                     | MS27643-4          | ..BEARING (REPLACES MS20206DSP4) .....   | 2                          | SP                           |                    |
| 29                     | DW5                | ..BEARING (REPLACED BY MS27647-5) .....  | 1                          | NP                           |                    |
| 29                     | MS27647-5          | ..BEARING (REPLACES DW5) .....   | 1                          | SP                           |                    |
| 30                     | 120-015-5A         | ..SLEEVE .....   | 1                          | SP                           |                    |
| 31                     | 120-013-4A         | ..SLEEVE .....   | 1                          | SP                           |                    |
| 32                     | AN737TW44          | .CLAMP (USBL ON 212-001-001-003) .....   | 1                          | SP                           |                    |
| 33                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) .....   | 1                          | NP                           |                    |
| 33                     | MS14144L4          | .NUT (REPLACES MS17825-4) .....  | 1                          | SP                           |                    |
| 34                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) .....   | 2                          | NP                           |                    |
| 34                     | AN960JD416         | .WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) .....                               | 2                          | P                            |                    |
| 34                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) .....  | 2                          | SP                           |                    |
| 35                     | AN174-24           | .BOLT .....  | 1                          | SP                           |                    |
| 36                     | 212-001-061-001    | .TUBE ASSY, ADJUSTABLE COLLECTIVE<br>(S/N 30504 THRU 31256)<br>(REPLACED BY 212-001-270-001) .....     | 1                          | NP                           |                    |
| 36                     | 212-001-270-001    | .TUBE ASSY, ADJUSTABLE COLLECTIVE<br>(REPLACES 212-001-061-001) .....                                  | 1                          | SP                           |                    |
| 37                     | 205-001-022-001    | ..CLEVIS (USBL ON 212-001-061-001) .....   | 1                          | P                            |                    |
| 37                     | 212-001-059-001    | ..CLEVIS (USBL ON 212-001-270-001) .....   | 1                          | SP                           |                    |
|                        |                    | (ALTERNATE PART)   |                            |                              |                    |
| 37                     | 212-001-059-103    | ..CLEVIS .....   | 1                          | P                            |                    |
| 38                     | AN316C6R           | ..NUT (USBL ON 212-001-270-001) .....  | 1                          | SP                           |                    |
| 39                     | AN960PD616         | ..WASHER (USBL ON 212-001-270-001)<br>(REPLACED BY AN960JD616) .....                                   | 1                          | NP                           |                    |
| 39                     | AN960JD616         | ..WASHER, FLAT (USBL ON 212-001-270-001)<br>(REPLACES AN960PD616)<br>(REPLACED BY NAS1149D0663J) ..... | 1                          | P                            |                    |
| 39                     | NAS1149D0663J      | ..WASHER (USBL ON 212-001-270-001)<br>(REPLACES AN960JD616) .....                                      | 1                          | SP                           |                    |
| 40                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) .....   | 1                          | NP                           |                    |
| 40                     | MS14144L4          | .NUT (REPLACES MS17825-4) .....  | 1                          | SP                           |                    |
| 41                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) .....   | 2                          | NP                           |                    |
| 41                     | AN960JD416         | .WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) .....                               | 2                          | P                            |                    |
| 41                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) .....  | 2                          | SP                           |                    |
| 42                     | NAS1204-15D        | .BOLT (REPLACED BY 20-058-4S15D) .....   | 1                          | P                            |                    |
| 42                     | 20-058-4S15D       | .BOLT (REPLACES NAS1204-15D) .....   | 1                          | SP                           |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-1. Controls Installation, Collective Pitch (Cont'd)</b>              |                            |                              |                    |
| 43                     | MS17825-5          | .NUT (REPLACED BY MS14144L5) .....  | 1                          | NP                           |                    |
| 43                     | MS14144L5          | .NUT (REPLACES MS17825-5) .....   | 1                          | SP                           |                    |
| 44                     | AN960PD516         | .WASHER (NOTE 1) (REPLACED BY AN960JD516) .....                                   | 6                          | P                            |                    |
| 44                     | AN960JD516         | .WASHER, FLAT (NOTE 1) (REPLACES AN960PD516)<br>(REPLACED BY NAS1149D0563J) ..... | 6                          | P                            |                    |
| 44                     | NAS1149D0563J      | .WASHER (NOTE 1) (REPLACES AN960JD516) .....                                      | 6                          | SP                           |                    |
| 45                     | 205-001-310-001    | .BOLT .....   | 1                          | SP                           |                    |
| 46                     | 212-001-100-001    | .BELLCRANK ASSY .....   | 1                          | SP                           |                    |
| 47                     | DW5                | .BEARING (REPLACED BY MS27647-5) .....  | 1                          | NP                           |                    |
| 47                     | MS27647-5          | .BEARING (REPLACES DW5) .....   | 1                          | SP                           |                    |
| 48                     | MS27039-1-08       | .SCREW (S/N 35089 THRU 35103) .....   | 4                          | SP                           |                    |
| 48                     | NAS6603H3          | .BOLT (S/N 35104 THRU SUB) .....  | 4                          | SP                           |                    |
| 49                     | AN960JD10          | .WASHER (S/N 35089 THRU SUB)<br>(REPLACED BY NAS1149D0363J) .....                 | 4                          | P                            |                    |
| 49                     | NAS1149D0363J      | .WASHER (S/N 35089 THRU SUB)<br>(REPLACES AN960JD10) .....                        | 4                          | SP                           |                    |
| 50                     | NAS6604-23         | .BOLT (S/N 35089 THRU SUB) .....  | 1                          | SP                           |                    |
| 51                     | AN960JD416         | .WASHER, FLAT (S/N 35089 THRU SUB)<br>(REPLACED BY NAS1149D0463J) .....           | 1                          | P                            |                    |
| 51                     | NAS1149D0463J      | .WASHER (S/N 35089 THRU SUB)<br>(REPLACES AN960JD416) .....                       | 1                          | SP                           |                    |
| 52                     | 412-001-201-101    | .SHIM (S/N 35089 THRU SUB) .....  | 1                          | SP                           |                    |
| 53                     | 412-001-200-101    | .STOP ASSY (S/N 35089 THRU SUB) .....   | 1                          | SP                           |                    |
| 54                     | NAS428H4-13        | .BOLT (S/N 35089 THRU SUB) .....  | 1                          |                              |                    |
| 55                     | NAS509-4           | .NUT (S/N 35089 THRU SUB) .....   | 1                          | SP                           |                    |
|                        |                    | NOTE 1: MAXIMUM QUANTITY LISTED, REFER TO<br>BHT-212-MM FOR INSTRUCTIONS.         |                            |                              |                    |
|                        |                    | <b>AVAIL CODE      DEFINITION</b>   |                            |                              |                    |
|                        |                    | P                  Procurable   |                            |                              |                    |
|                        |                    | NP                Non Procurable  |                            |                              |                    |
|                        |                    | SP                Normal Stock/Procurable   |                            |                              |                    |
|                        |                    | See introduction on availability codes for<br>additional information.             |                            |                              |                    |

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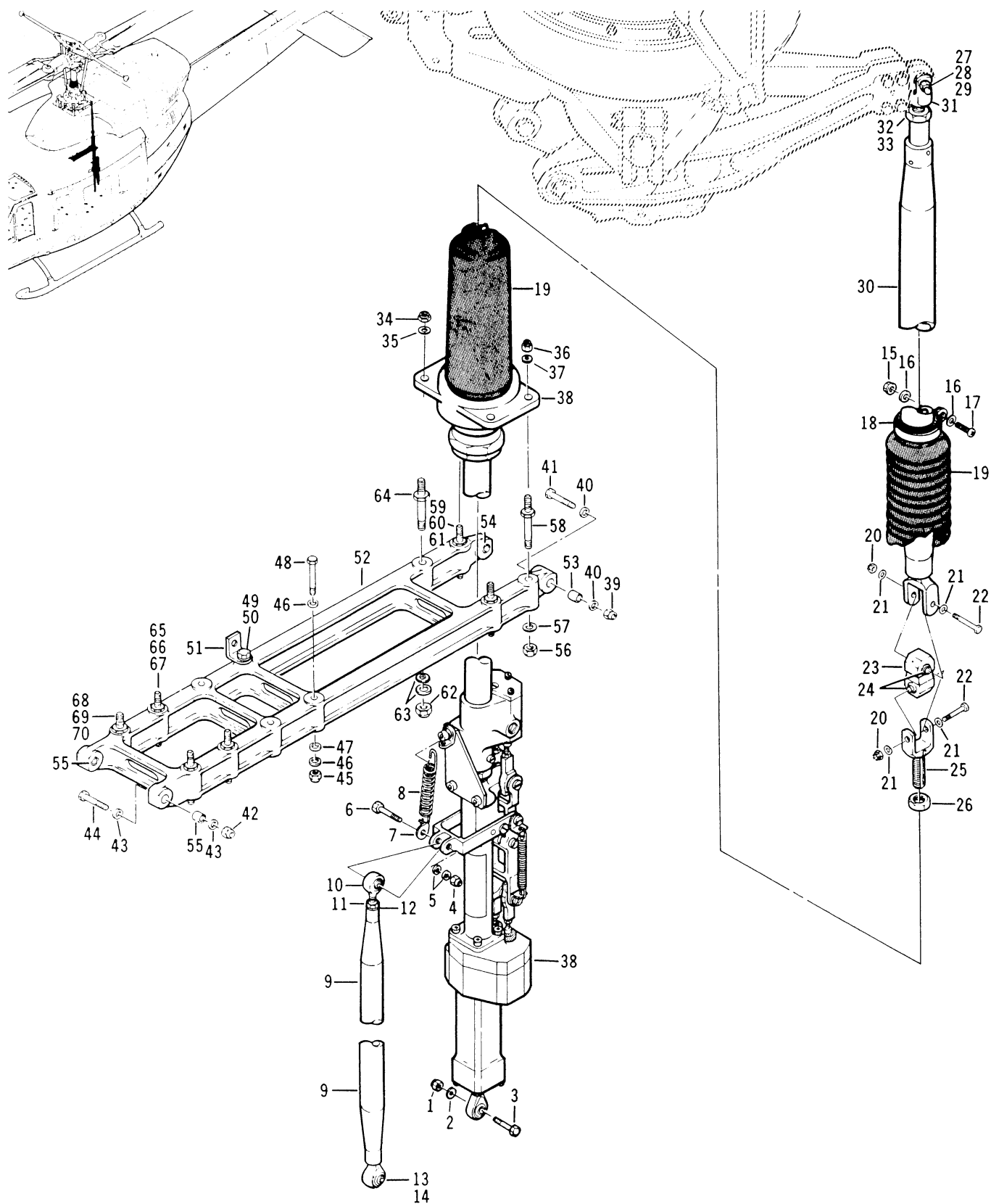


Figure 67-2. Controls installation, collective pitch



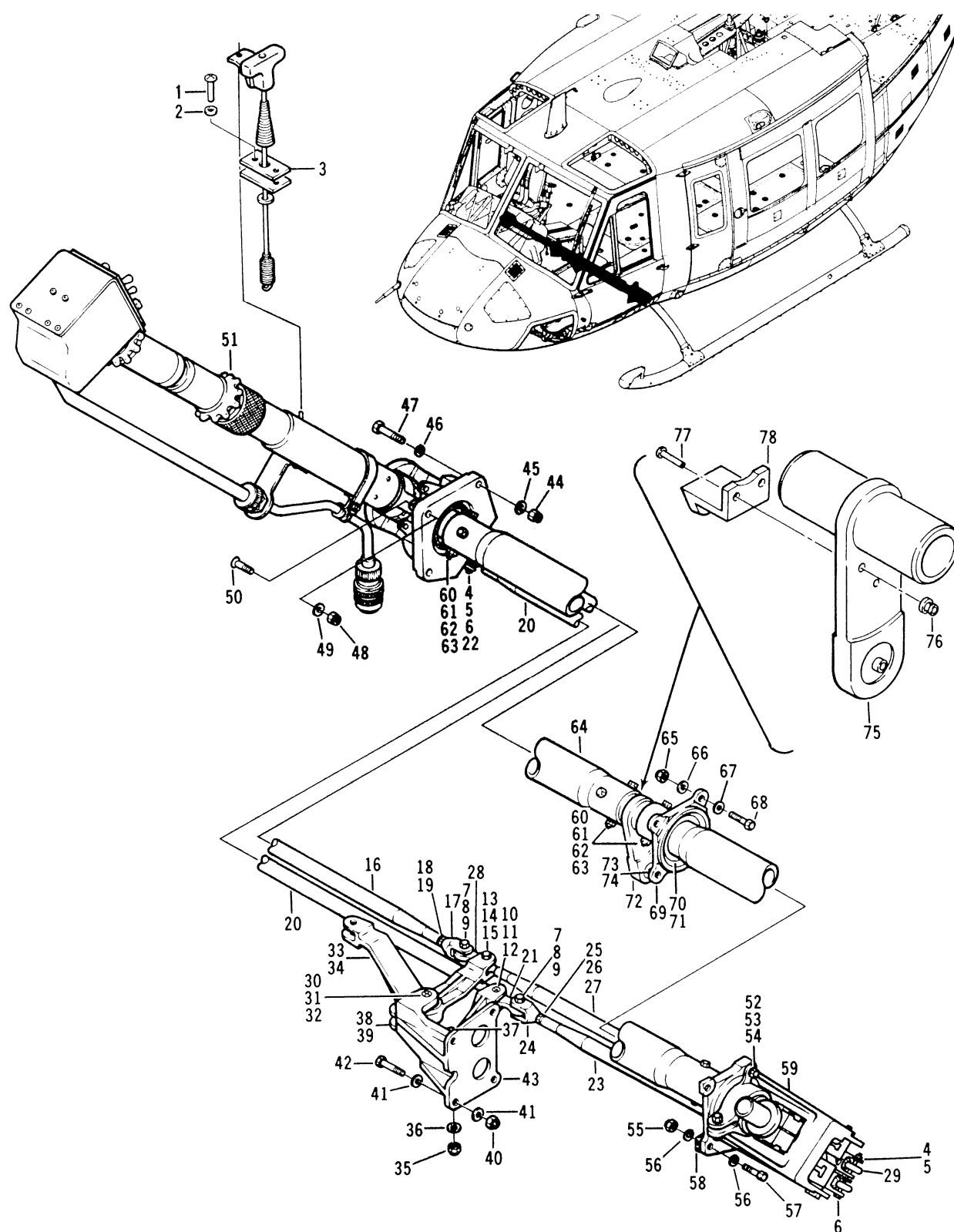
| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-2. Controls Installation, Collective Pitch</b>  |                            |                              |                    |
|                        | 212-001-001-003    | CONTROLS INSTL, COLLECTIVE PITCH<br>(S/N 30504 THRU 30596, 30604 THRU 30610)<br>(SEE FIG. 1 FOR BALANCE OF BREAKDOWN)..... | REF                        | NP                           |                    |
|                        | 212-001-001-011    | CONTROLS INSTL, COLLECTIVE PITCH<br>(S/N 30597 THRU 30603, 30611 THRU 30795)<br>(SEE FIG. 1 FOR BALANCE OF BREAKDOWN)..... | REF                        | NP                           |                    |
|                        | 212-001-001-015    | CONTROLS INSTL, COLLECTIVE PITCH<br>(S/N 30796 THRU 30849) (SEE FIG. 1 FOR<br>BALANCE OF BREAKDOWN).....                   | REF                        | NP                           |                    |
|                        | 212-001-001-013    | CONTROLS INSTL, COLLECTIVE PITCH<br>(S/N 30850 THRU 31256) (SEE FIG. 1 FOR<br>BALANCE OF BREAKDOWN).....                   | REF                        | NP                           |                    |
|                        | 212-001-001-101    | CONTROLS INSTL, COLLECTIVE PITCH<br>(S/N 31257 THRU 31311, 35001 THRU 35023)<br>(SEE FIG. 1 FOR BALANCE OF BREAKDOWN)..... | REF                        | NP                           |                    |
|                        | 212-001-001-103    | CONTROLS INSTL, COLLECTIVE PITCH<br>(S/N 35024 THRU 35048) (SEE FIG. 1 FOR<br>BALANCE OF BREAKDOWN).....                   | REF                        | NP                           |                    |
|                        | 212-001-001-107    | CONTROLS INSTL, COLLECTIVE PITCH<br>(S/N 35049 THRU 35062) (SEE FIG. 1 FOR<br>BALANCE OF BREAKDOWN).....                   | REF                        | NP                           |                    |
|                        | 212-001-001-111    | CONTROLS INSTL, COLLECTIVE PITCH<br>(S/N 35063 THRU 35088) (SEE FIG. 1 FOR<br>BALANCE OF BREAKDOWN).....                   | REF                        | NP                           |                    |
|                        | 212-001-001-113    | CONTROLS INSTL, COLLECTIVE PITCH<br>(S/N 35089 THRU 35102) (SEE FIG. 1 FOR<br>BALANCE OF BREAKDOWN).....                   | REF                        | NP                           |                    |
|                        | 212-001-001-115    | CONTROLS INSTL, COLLECTIVE PITCH<br>(S/N 35103 THRU SUB) (SEE FIG. 1 FOR<br>BALANCE OF BREAKDOWN).....                     | REF                        | NP                           |                    |
| 1                      | MS17825-6          | .NUT (REPLACES BY MS14144L6) .....   | 1                          | NP                           |                    |
| 1                      | MS14144L6          | .NUT (REPLACES MS17825-6) .....  | 1                          | SP                           |                    |
| 2                      | AN960PD616         | .WASHER (REPLACES BY AN960JD616) .....   | 1                          | NP                           |                    |
| 2                      | AN960JD616         | .WASHER, FLAT (REPLACES AN960PD616)<br>(REPLACES BY NAS1149D0663J) .....   | 1                          | P                            |                    |
| 2                      | NAS1149D0663J      | .WASHER (REPLACES AN960JD616) .....  | 1                          | SP                           |                    |
| 3                      | 212-001-304-001    | .BOLT (REPLACES BY 212-001-304-003<br>AND 212-001-323-001) .....   | 1                          | NP                           |                    |
| 3                      | 212-001-304-003    | .BOLT (REPLACES 212-001-304-001)<br>(REPLACES BY 212-001-323-001) .....  | 1                          | NP                           |                    |
| 3                      | 212-001-323-001    | .BOLT (REPLACES 212-001-304-001 AND -003) .....  | 1                          | SP                           |                    |
| 4                      | MS17825-4          | .NUT (REPLACES BY MS14144L4) .....   | 1                          | NP                           |                    |
| 4                      | MS14144L4          | .NUT (REPLACES MS17825-4) .....  | 1                          | SP                           |                    |
| 5                      | AN960-416          | .WASHER (REPLACES BY NAS1149F0463P) .....  | 2                          | NP                           |                    |
| 5                      | NAS1149F0463P      | .WASHER (REPLACES AN960-416) .....   | 2                          | SP                           |                    |
| 6                      | AN174-13           | .BOLT (REPLACES BY 20-057-4-17D) .....   | 1                          | SP                           |                    |
| 6                      | 20-057-4-17D       | .BOLT (REPLACES AN174-13) .....  | 1                          | SP                           |                    |
| 7                      | 212-076-126-003    | .CLIP .....  | 1                          | SP                           |                    |
| 8                      | 212-076-125-003    | .SPRING .....  | 1                          | SP                           |                    |
| 9                      | 212-001-060-001    | .TUBE ASSY (REPLACES BY 212-001-252-001) .....   | 1                          | NP                           |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-2. Controls Installation, Collective Pitch (Cont'd)</b>  |                            |                              |                    |
| 9                      | 212-001-252-001    | .TUBE ASSY (REPLACES 212-001-060-001) .....   | 1                          | SP                           |                    |
| 10                     | 206-001-052-001    | ..BEARING .....   | 1                          | SP                           |                    |
| 11                     | AN316-6R           | ..NUT .....   | 1                          | SP                           |                    |
| 12                     | AN960JD616         | ..WASHER, FLAT (REPLACED BY NAS1149D0663J) .....  | 1                          | P                            |                    |
| 12                     | NAS1149D0663J      | ..WASHER (REPLACES AN960JD616) .....  | 1                          | SP                           |                    |
| 13                     | 214-001-024-001    | ..INSERT .....  | 1                          | SP                           |                    |
| 14                     | 205-001-047-001    | ..BEARING .....   | 1                          | SP                           |                    |
| 15                     | MS21042L3          | .NUT, SELF-LOCKING .....  | 1                          | SP                           |                    |
| 16                     | AN960PD10L         | .WASHER (REPLACED BY AN960JD10L) .....  | 2                          | P                            |                    |
| 16                     | AN960JD10L         | .WASHER, FLAT (REPLACES AN960PD10L)<br>(REPLACED BY NAS1149D0332J) .....  | 2                          | P                            |                    |
| 16                     | NAS1149D0332J      | .WASHER, FLAT (REPLACES AN960JD10L) .....   | 2                          | SP                           |                    |
| 17                     | MS27039-1-08       | .SCREW .....  | 1                          | SP                           |                    |
| 18                     | AN735D27           | .CLAMP .....  | 1                          | SP                           |                    |
| 19                     | 205-076-192-003    | .BOOT .....   | 1                          | SP                           |                    |
| 20                     | MS17825-5          | .NUT (REPLACES BY MS14144L5) .....  | 2                          | NP                           |                    |
| 20                     | MS14144L5          | .NUT (REPLACES MS17825-5) .....   | 2                          | SP                           |                    |
| 21                     | AN960C516          | .WASHER (REPLACES BY NAS1149C0563R) .....   | 4                          | P                            |                    |
| 21                     | NAS1149C0563R      | .WASHER (REPLACES AN960C516) .....  | 4                          | SP                           |                    |
| 22                     | NAS1305-24D        | .BOLT (REPLACED BY 20-057-5-24D) .....  | 2                          | P                            |                    |
| 22                     | 20-057-5-24D       | .BOLT (REPLACES NAS1305-24D) .....  | 2                          | SP                           |                    |
| 23                     | 205-076-175-005    | .UNIVERSAL ASSY (S/N 30504 THRU 30795)<br>(REPLACED BY 205-076-381-001, -005<br>AND 412-076-620-101) .....                      | 1                          | P                            |                    |
| 23                     | 205-076-381-001    | .UNIVERSAL ASSY (S/N 30504 THRU 30795)<br>(REPLACES 205-076-175-005) (REPLACED BY<br>205-076-381-005 AND 412-076-620-101) ..... | 1                          | NP                           |                    |
| 23                     | 205-076-381-005    | .UNIVERSAL ASSY (S/N 30504 THRU 31256)<br>(REPLACES 205-076-175-005 AND 205-076-381-001)<br>(REPLACED BY 412-076-620-101) ..... | 1                          | NP                           |                    |
| 23                     | 412-076-620-101    | .UNIVERSAL ASSY (REPLACES 205-076-175-005,<br>AND 205-076-381-001 AND -005) .....   | 1                          | SP                           |                    |
| 24                     | RDW5T3             | ..BEARING (USBL ON 205-076-175-005) .....   | 2                          |                              |                    |
| 24                     | RDW5T3V-1          | ..BEARING (USBL ON 205-076-381-001<br>AND -005) .....   | 2                          | SP                           |                    |
| 24                     | MS27647-5          | ..BEARING (USBL ON 412-076-620-101) .....   | 2                          | SP                           |                    |
| 25                     | 212-076-147-001    | .CLEVIS .....   | 1                          | SP                           |                    |
| 26                     | 205-076-177-001    | .NUT .....  | 1                          | SP                           |                    |
| 27                     | MS17825-5          | .NUT (REPLACES BY MS14144L5) .....  | 1                          | NP                           |                    |
| 27                     | MS14144L5          | .NUT (REPLACES MS17825-5) .....   | 1                          | SP                           |                    |
| 28                     | AN960C516          | .WASHER (REPLACES BY NAS1149C0563R) .....   | 2                          | P                            |                    |
| 28                     | NAS1149C0563R      | .WASHER (REPLACES AN960C516) .....  | 2                          | SP                           |                    |
| 29                     | NAS1305-24D        | .BOLT (REPLACED BY 20-057-5-24D) .....  | 1                          | P                            |                    |
| 29                     | 20-057-5-24D       | .BOLT (REPLACES NAS1305-24D) .....  | 1                          | SP                           |                    |
| 30                     | 212-076-151-003    | .TUBE ASSY (REPLACED BY 212-076-151-009) .....  | 1                          | NP                           |                    |
| 30                     | 212-076-151-009    | .TUBE ASSY (REPLACES 212-076-151-003) .....   | 1                          | SP                           |                    |
| 31                     | 212-076-148-001    | ..CLEVIS .....  | 1                          | SP                           |                    |
| 32                     | NAS509-14          | ..NUT .....   | 1                          | SP                           |                    |
| 33                     | NAS559-6           | ..LOCK, ROD END .....   | 1                          | SP                           |                    |
| 34                     | NAS679A5           | .NUT (REPLACED BY MS21042L5) .....  | 1                          | P                            |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-2. Controls Installation, Collective Pitch (Cont'd)</b>  |                            |                              |                    |
| 34                     | MS21042L5          | .NUT, SELF-LOCKING (REPLACES NAS679A5) .....  | 1                          | SP                           |                    |
| 35                     | AN960PD516         | .WASHER (REPLACED BY AN960JD516) .....  | 1                          | P                            |                    |
| 35                     | AN960JD516         | .WASHER, FLAT (REPLACES AN960PD516)<br>(REPLACED BY NAS1149D0563J) .....  | 1                          | P                            |                    |
| 35                     | NAS1149D0563J      | .WASHER (REPLACES AN960JD516) .....   | 1                          | SP                           |                    |
| 36                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) .....  | 3                          | P                            |                    |
| 36                     | MS21042L4          | .NUT (REPLACES NAS679A4) .....  | 3                          | SP                           |                    |
| 37                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) .....  | 3                          | NP                           |                    |
| 37                     | AN960JD416         | .WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) .....  | 3                          | P                            |                    |
| 37                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) .....   | 3                          | SP                           |                    |
| 38                     | 212-076-005-007    | .CYLINDER ASSY (S/N 30504 THRU 31256) (SEE FIG. 12<br>FOR BREAKDOWN) (REPLACED BY 212-076-005-011,<br>-009, -101, -103 AND -105) .....  | 1                          | NP                           |                    |
| 38                     | 212-076-005-009    | .CYLINDER ASSY (SEE FIG. 12 FOR BREAKDOWN)<br>(REPLACES 212-076-005-007) (REPLACED BY<br>212-076-005-011, -101, -103 AND -105) .....  | 1                          | NP                           |                    |
| 38                     | 212-076-005-011    | .CYLINDER ASSY (S/N 30504 THRU 31311, 35001<br>THRU 35023) (SEE FIG. 12 FOR BREAKDOWN)<br>(REPLACES 212-076-005-007 AND -009) (REPLACED<br>BY 212-076-005-101, -103 AND -105) ..... | 1                          | NP                           |                    |
| 38                     | 212-076-005-101    | .CYLINDER ASSY (S/N 30504 THRU 31311, 35001 THRU<br>35048) (SEE FIG. 12 FOR BREAKDOWN) (REPLACES<br>212-076-005-007, -009 AND -011) (REPLACED BY<br>212-076-005-103 AND -105) ..... | 1                          | NP                           |                    |
| 38                     | 212-076-005-103    | .CYLINDER ASSY (S/N 30504 THRU 31311, 35001<br>THRU 35048) (SEE FIG. 12 FOR BREAKDOWN)<br>(REPLACES 212-076-005-007, -009, -011 AND -101)<br>(REPLACED BY 212-076-005-105) .....    | 1                          | NP                           |                    |
| 38                     | 212-076-005-105    | .CYLINDER ASSY (SEE FIG. 12 FOR BREAKDOWN)<br>(REPLACES 212-076-005-007, -009 -011, -101<br>AND -103) (REPLACED BY 212-076-005-111) .....   | 1                          | SP                           |                    |
| 38                     | 212-076-005-111    | .CYLINDER ASSY (SEE FIG. 12 FOR BREAKDOWN)<br>(REPLACES 212-076-005-007, -009, -011, -101,<br>-103 AND -105) .....  | 1                          | SP                           |                    |
| 39                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) .....  | 1                          | P                            |                    |
| 39                     | MS21042L4          | .NUT (REPLACES NAS679A4) .....  | 1                          | SP                           |                    |
| 40                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) .....  | 2                          | NP                           |                    |
| 40                     | AN960JD416         | .WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) .....  | 2                          | P                            |                    |
| 40                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) .....   | 2                          | SP                           |                    |
| 41                     | NAS1304-23         | .BOLT (REPLACED BY 20-057-4-23D) .....  | 1                          | P                            |                    |
| 41                     | 20-057-4-23D       | .BOLT (REPLACES NAS1304-23) .....   | 1                          | SP                           |                    |
| 42                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) .....  | 3                          | P                            |                    |
| 42                     | MS21042L4          | .NUT (REPLACES NAS679A4) .....  | 3                          | SP                           |                    |
| 43                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) .....  | 6                          | NP                           |                    |
| 43                     | AN960JD416         | .WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) .....  | 6                          | P                            |                    |
| 43                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) .....   | 6                          | SP                           |                    |
| 44                     | NAS1304-21         | .BOLT (REPLACED BY 20-057-4-21) .....   | 3                          | P                            |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-2. Controls Installation, Collective Pitch (Cont'd)</b>      |                            |                              |                    |
| 44                     | 20-057-4-21        | .BOLT (REPLACES NAS1304-21) .....   | 3                          | SP                           |                    |
| 45                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) .....  | 4                          | P                            |                    |
| 45                     | MS21042L4          | .NUT (REPLACES NAS679A4) .....  | 4                          | SP                           |                    |
| 46                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) .....                                    | 7                          | NP                           |                    |
| 46                     | AN960JD416         | .WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) .....  | 7                          | P                            |                    |
| 46                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) .....                                       | 7                          | SP                           |                    |
| 47                     | 120-032-32-10      | .SHIM .....   | 2                          | SP                           |                    |
| 48                     | AN4-23A            | .BOLT .....   | 3                          | SP                           |                    |
| 49                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) .....  | 1                          | P                            |                    |
| 49                     | MS21042L4          | .NUT (REPLACES NAS679A4) .....  | 1                          | SP                           |                    |
| 50                     | AN4-24A            | .BOLT .....   | 1                          | SP                           |                    |
| 51                     | 20-032-3           | .BRACKET .....  | 1                          | SP                           |                    |
| 52                     | 212-001-303-005    | .SUPPORT ASSY .....   | 1                          | SP                           |                    |
| 53                     | 21-006B7.5-25      | ..BUSHING .....   | 1                          |                              |                    |
| 54                     | 21-006B7.5-20.5    | ..BUSHING .....   | 1                          | SP                           |                    |
| 55                     | 21-006B7.5-20.5    | ..BUSHING .....   | 2                          | SP                           |                    |
| 56                     | NAS679A4           | ..NUT (REPLACED BY MS21042L4) .....                                       | 2                          | P                            |                    |
| 56                     | MS21042L4          | ..NUT (REPLACES NAS679A4) .....   | 2                          | SP                           |                    |
| 57                     | AN960PD416         | ..WASHER (REPLACED BY AN960JD416) .....                                   | 2                          | NP                           |                    |
| 57                     | AN960JD416         | ..WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) ..... | 2                          | P                            |                    |
| 57                     | NAS1149D0463J      | ..WASHER (REPLACES AN960JD416) .....                                      | 2                          | SP                           |                    |
| 58                     | 212-001-300-001    | ..STUD (REPLACED BY 212-001-300-101) .....                                | 2                          | NP                           |                    |
| 58                     | 212-001-300-101    | ..STUD (REPLACES 212-001-300-001) .....                                   | 2                          | SP                           |                    |
| 59                     | NAS679A4           | ..NUT (REPLACED BY MS21042L4) .....                                       | 1                          | P                            |                    |
| 59                     | MS21042L4          | ..NUT (REPLACES NAS679A4) .....   | 1                          | SP                           |                    |
| 60                     | AN960PD416         | ..WASHER (REPLACED BY AN960JD416) .....                                   | 1                          | NP                           |                    |
| 60                     | AN960JD416         | ..WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) ..... | 1                          | P                            |                    |
| 60                     | NAS1149D0463J      | ..WASHER (REPLACES AN960JD416) .....                                      | 1                          | SP                           |                    |
| 61                     | 204-001-347-001    | ..STUD (REPLACED BY 205-001-127-101) .....                                | 1                          | NP                           |                    |
| 61                     | 205-001-127-101    | ..STUD (REPLACES 204-001-347-001) .....                                   | 1                          | SP                           |                    |
| 62                     | NAS679A5           | ..NUT (REPLACED BY MS21042L5) .....                                       | 1                          | P                            |                    |
| 62                     | MS21042L5          | ..NUT, SELF-LOCKING (REPLACES NAS679A5) .....                             | 1                          | SP                           |                    |
| 63                     | AN960JD516         | ..WASHER, FLAT (REPLACED BY<br>NAS1149D0563J) .....                       | 2                          | P                            |                    |
| 63                     | NAS1149D0563J      | ..WASHER (REPLACES AN960JD516) .....                                      | 2                          | SP                           |                    |
| 64                     | 204-001-344-001    | ..STUD (REPLACED BY 205-001-126-101) .....                                | 1                          | NP                           |                    |
| 64                     | 205-001-126-101    | ..STUD (REPLACES 204-001-344-001) .....                                   | 1                          | SP                           |                    |
| 65                     | NAS679A4           | ..NUT (REPLACED BY MS21042L4) .....                                       | 3                          | P                            |                    |
| 65                     | MS21042L4          | ..NUT (REPLACES NAS679A4) .....   | 3                          | SP                           |                    |
| 66                     | AN960PD416         | ..WASHER (REPLACED BY AN960JD416) .....                                   | 3                          | NP                           |                    |
| 66                     | AN960JD416         | ..WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) ..... | 3                          | P                            |                    |
| 66                     | NAS1149D0463J      | ..WASHER (REPLACES AN960JD416) .....                                      | 3                          | SP                           |                    |
| 67                     | 212-001-300-001    | ..STUD (REPLACED BY 212-001-300-101) .....                                | 3                          | NP                           |                    |
| 67                     | 212-001-300-101    | ..STUD (REPLACES 212-001-300-001) .....                                   | 3                          | SP                           |                    |
| 68                     | NAS679A5           | ..NUT (REPLACED BY MS21042L5) .....                                       | 1                          | P                            |                    |
| 68                     | MS21042L5          | ..NUT, SELF-LOCKING (REPLACES NAS679A5) .....                             | 1                          | SP                           |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-2. Controls Installation, Collective Pitch (Cont'd)</b>  |                            |                              |                    |
| 69                     | AN960JD516         | ..WASHER, FLAT (REPLACED BY NAS1149D0563J) .....                      | 1                          | P                            |                    |
| 69                     | NAS1149D0563J      | ..WASHER (REPLACES AN960JD516) .....                                  | 1                          | SP                           |                    |
| 70                     | 204-001-344-001    | ..STUD (REPLACED BY 205-001-126-101) .....                            | 1                          | NP                           |                    |
| 70                     | 205-001-126-101    | ..STUD (REPLACES 204-001-344-001) .....                               | 1                          | SP                           |                    |
|                        |                    | <b>AVAIL CODE      DEFINITION</b>                                     |                            |                              |                    |
|                        |                    | P                  Procurable   |                            |                              |                    |
|                        |                    | NP                Non Procurable                                      |                            |                              |                    |
|                        |                    | SP                Normal Stock/Procurement                            |                            |                              |                    |
|                        |                    | See introduction on availability codes for<br>additional information. |                            |                              |                    |



**Figure 67-3. Jackshaft Installation, collective**

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-3. Jackshaft installation, collective</b>   |                            |                              |                    |
|                        | 212-001-160-003    | JACKSHAFT INSTL, COLLECTIVE (S/N 30504 THRU . . . . . 30596) (SEE FIG. 1 FOR NHA)                               | REF                        |                              |                    |
|                        | 212-001-160-013    | JACKSHAFT INSTL, COLLECTIVE (S/N 30597 THRU . . . . . 30603, 30611 THRU 30614) (SEE FIG. 1 FOR NHA)             | REF                        |                              |                    |
|                        | 212-001-160-011    | JACKSHAFT INSTL, COLLECTIVE (S/N 30597 THRU . . . . . 35023) (SEE FIG. 1 FOR NHA)                               | REF                        |                              |                    |
|                        | 212-001-160-103    | JACKSHAFT INSTL, COLLECTIVE (S/N 35024 THRU . . . . . 35048) (SEE FIG. 1 FOR NHA)                               | REF                        |                              |                    |
|                        | 212-001-160-109    | JACKSHAFT INSTL, COLLECTIVE (S/N 35049 THRU . . . . . 35062) (SEE FIG. 1 FOR NHA)                               | REF                        |                              |                    |
|                        | 212-001-160-117    | JACKSHAFT INSTL, COLLECTIVE (S/N 35063 THRU . . . . . 35103) (SEE FIG. 1 FOR NHA) (REPLACED BY 212-001-160-129) | REF                        |                              |                    |
|                        | 212-001-160-129    | JACKSHAFT INSTL, COLLECTIVE (S/N 35063 THRU SUB) . . . (SEE FIG. 1 FOR NHA) (REPLACES 212-001-160-117)          | REF                        |                              |                    |
| 1                      | AN525-10R10        | .SCREW . . . . .  | 2                          | 1                            |                    |
| 2                      | AN960PD10L         | .WASHER (REPLACED BY AN960JD10L) . . . . .  | 2                          |                              |                    |
| 2                      | AN960JD10L         | .WASHER (REPLACES AN960PD10L) (REPLACED BY . . . . . NAS1149D0332J)   | 2                          |                              |                    |
| 2                      | NAS1149D0332J      | .WASHER (REPLACES AN960JD10L) . . . . .   | 2                          |                              |                    |
| 3                      | 204-001-623-001    | .DOWNLOCK ASSY . . . . .  | 1                          | 1                            |                    |
| 4                      | MS17826-3          | .NUT (REPLACED BY MS14145L3) . . . . .  | 3                          | 1                            |                    |
| 4                      | MS14145L3          | .NUT (REPLACES MS17826-3) . . . . .   | 3                          | 1                            |                    |
| 5                      | AN960PD10L         | .WASHER (REPLACED BY AN960JD10L) . . . . .  | 4                          |                              |                    |
| 5                      | AN960JD10L         | .WASHER (REPLACES AN960PD10L) (REPLACED BY . . . . . NAS1149D0332J)   | 4                          |                              |                    |
| 5                      | NAS1149D0332J      | .WASHER (REPLACES AN960JD10L) . . . . .   | 4                          |                              |                    |
| 6                      | NAS1203-12D        | .BOLT . . . . .   | 4                          | 1                            |                    |
| 7                      | MS17825-3          | .NUT (REPLACED BY MS14144L3) . . . . .  | 2                          | 1                            |                    |
| 7                      | MS14144L3          | .NUT (REPLACES MS17825-3) . . . . .   | 2                          | 1                            |                    |
| 8                      | AN960PD10          | .WASHER (REPLACED BY AN960JD10) . . . . .   | 4                          |                              |                    |
| 8                      | AN960JD10          | .WASHER (REPLACES AN960PD10) (REPLACED BY . . . . . NAS1149D0363J)  | 4                          |                              |                    |
| 8                      | NAS1149D0363J      | .WASHER (REPLACES AN960JD10) . . . . .  | 4                          |                              |                    |
| 9                      | AN173-10           | .BOLT . . . . .   | 2                          | 1                            |                    |
| 10                     | MS17826-3          | .NUT (REPLACED BY MS14145L3) . . . . .  | 1                          | 1                            |                    |
| 10                     | MS14145L3          | .NUT (REPLACES MS17826-3) . . . . .   | 1                          | 1                            |                    |
| 11                     | AN960PD10          | .WASHER (REPLACED BY AN960JD10) . . . . .   | 2                          |                              |                    |
| 11                     | AN960JD10          | .WASHER (REPLACES AN960PD10) (REPLACED BY . . . . . NAS1149D0363J)  | 2                          |                              |                    |
| 11                     | NAS1149D0363J      | .WASHER (REPLACES AN960JD10) . . . . .  | 2                          |                              |                    |
| 12                     | NAS1203-12D        | .BOLT . . . . .   | 1                          | 1                            |                    |
| 13                     | MS17825-3          | .NUT (REPLACED BY MS14144L3) . . . . .  | 1                          | 1                            |                    |
| 13                     | MS14144L3          | .NUT (REPLACES MS17825-3) . . . . .   | 1                          | 1                            |                    |
| 14                     | AN960PD10          | .WASHER (REPLACED BY AN960JD10) . . . . .   | 2                          |                              |                    |
| 14                     | AN960JD10          | .WASHER (REPLACES AN960PD10) (REPLACED BY . . . . . NAS1149D0363J)  | 2                          |                              |                    |
| 14                     | NAS1149D0363J      | .WASHER (REPLACES AN960JD10) . . . . .  | 2                          |                              |                    |
| 15                     | AN173-11           | .BOLT . . . . .   | 1                          | 1                            |                    |
| 16                     | 212-001-063-003    | .TUBE ASSY . . . . .  | 1                          | 1                            |                    |

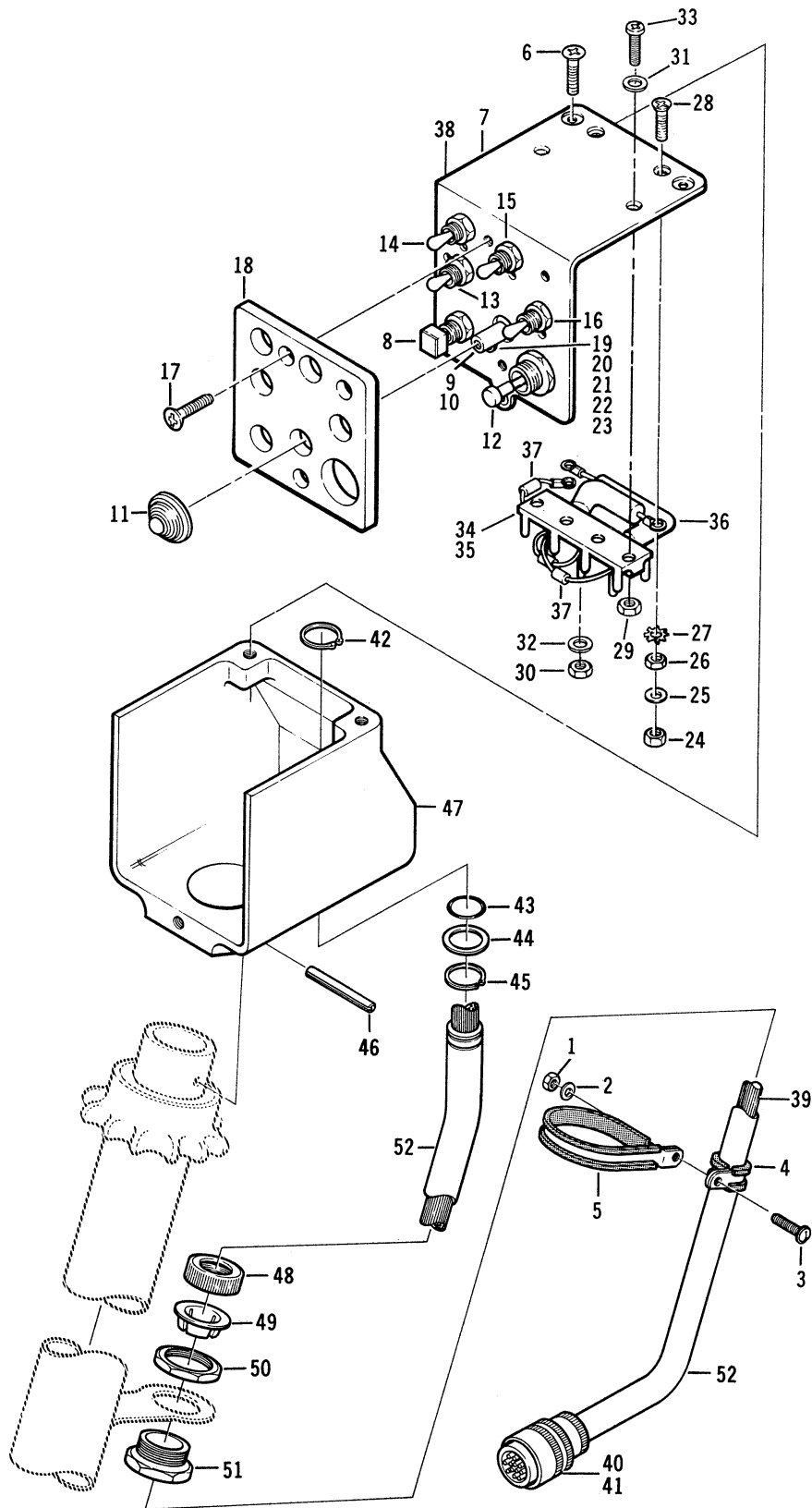
| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-3. Jackshaft installation, collective (Cont'd)</b>                              |                            |                              |                    |
| 17                     | 212-001-133-001    | ..CLEVIS . . . . .  | 1                          | 1                            |                    |
| 18                     | AN316-4R           | ..NUT . . . . .   | 1                          | 1                            |                    |
| 19                     | AN960PD416         | ..WASHER (REPLACED BY AN960JD416) . . . . .   | 1                          |                              |                    |
| 19                     | AN960JD416         | ..WASHER (REPLACES AN960PD416) (REPLACED BY . . . . .<br>NAS1149D0463J)                       | 1                          |                              |                    |
| 19                     | NAS1149D0463J      | ..WASHER (REPLACES AN960JD416) . . . . .  | 1                          |                              |                    |
| 20                     | 212-001-062-001    | .TUBE ASSY . . . . .  | 1                          | 1                            |                    |
| 21                     | 212-001-050-001    | ..CLEVIS . . . . .  | 1                          | 1                            |                    |
| 22                     | 204-061-717-001    | ..BEARING . . . . .   | 1                          | 1                            |                    |
| 23                     | 212-001-063-001    | .TUBE ASSY . . . . .  | 1                          | 1                            |                    |
| 24                     | 212-001-133-001    | ..CLEVIS . . . . .  | 1                          | 1                            |                    |
| 25                     | AN316-4R           | ..NUT . . . . .   | 1                          | 1                            |                    |
| 26                     | AN960PD416         | ..WASHER (REPLACED BY AN960JD416) . . . . .   | 1                          |                              |                    |
| 26                     | AN960JD416         | ..WASHER (REPLACES AN960PD416) (REPLACED BY . . . . .<br>NAS1149D0463J)                       | 1                          |                              |                    |
| 26                     | NAS1149D0463J      | ..WASHER (REPLACES AN960JD416) . . . . .  | 1                          |                              |                    |
| 27                     | 212-001-062-003    | .TUBE ASSY . . . . .  | 1                          | 1                            |                    |
| 28                     | 212-001-050-001    | ..CLEVIS . . . . .  | 1                          | 1                            |                    |
| 29                     | 204-061-717-001    | ..BEARING . . . . .   | 1                          | 1                            |                    |
| 30                     | MS17826-5          | .NUT (REPLACED BY MS14145L5) . . . . .  | 1                          | 1                            |                    |
| 30                     | MS14145L5          | .NUT (REPLACES MS17826-5) . . . . .   | 1                          | 1                            |                    |
| 31                     | AN960PD516         | .WASHER (REPLACED BY AN960JD516) . . . . .  | 1                          |                              |                    |
| 31                     | AN960JD516         | .WASHER (REPLACES AN960PD516) (REPLACED BY . . . . .<br>NAS1149D0563J)                        | 1                          | 1                            |                    |
| 31                     | NAS1149D0563J      | .WASHER (REPLACES AN960JD516) . . . . .   | 1                          | 1                            |                    |
| 32                     | NAS1205-23D        | .BOLT . . . . .   | 1                          | 1                            |                    |
| 33                     | 212-001-128-001    | .BELLCRANK ASSY . . . . .   | 1                          | 1                            |                    |
| 34                     | MS27647-5          | ..BEARING . . . . .   | 1                          | 1                            |                    |
| 35                     | MS17825-5          | .NUT (REPLACED BY MS14144L5) . . . . .  | 1                          | 1                            |                    |
| 35                     | MS14144L5          | .NUT (REPLACES MS17825-5) . . . . .   | 1                          | 1                            |                    |
| 36                     | AN960PD516         | .WASHER (REPLACED BY AN960JD516) . . . . .  | 2                          |                              |                    |
| 36                     | AN960JD516         | .WASHER (REPLACES AN960PD516) (REPLACED BY . . . . .<br>NAS1149D0563J)                        | 2                          | 1                            |                    |
| 36                     | NAS1149D0563J      | .WASHER (REPLACES AN960JD516) . . . . .   | 2                          | 1                            |                    |
| 37                     | AN175-20           | .BOLT . . . . .   | 1                          | 1                            |                    |
| 38                     | 212-001-126-001    | .BELLCRANK ASSY (S/N 30504 THRU 30596, 30604 THRU . .<br>30610) (REPLACED BY 212-001-126-005) | 1                          | 0                            |                    |
| 38                     | 212-001-126-005    | .BELLCRANK ASSY (REPLACES 212-001-126-001) . . . . .  | 1                          | 1                            |                    |
| 39                     | MS27647-5          | ..BEARING . . . . .   | 1                          | 1                            |                    |
| 40                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) . . . . .  | 4                          | 0                            |                    |
| 40                     | MS21042L4          | .NUT (REPLACES NAS679A4) . . . . .  | 4                          | 1                            |                    |
| 41                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .  | 8                          |                              |                    |
| 41                     | AN960JD416         | .WASHER (REPLACES AN960PD416) (REPLACED BY . . . . .<br>NAS1149D0463J)                        | 8                          |                              |                    |
| 41                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) . . . . .   | 8                          |                              |                    |
| 42                     | AN174-6A           | .BOLT . . . . .   | 4                          | 1                            |                    |
| 43                     | 212-001-116-001    | .SUPPORT . . . . .<br>(ALTERNATE PART)  | 1                          | 1                            |                    |
| 43                     | 212-001-157-001    | .SUPPORT . . . . .  | 1                          |                              |                    |
| 44                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) . . . . .  | 2                          | 0                            |                    |



| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-3. Jackshaft installation, collective (Cont'd)</b>  |                            |                              |                    |
| 44                     | MS21042L4          | .NUT (REPLACES NAS679A4) . . . . .  | 2                          | 1                            |                    |
| 45                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .  | 2                          |                              |                    |
| 45                     | AN960JD416         | .WASHER (REPLACES AN960PD416) (REPLACED BY . . . . .<br>NAS1149D0463J)  | 2                          |                              |                    |
| 45                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) . . . . .   | 2                          |                              |                    |
| 46                     | NAS1197-416        | .WASHER . . . . .   | 2                          | 1                            |                    |
| 47                     | AN174-10A          | .BOLT . . . . .   | 2                          | 1                            |                    |
| 48                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) . . . . .  | 2                          | 0                            |                    |
| 48                     | MS21042L4          | .NUT (REPLACES NAS679A4) . . . . .  | 2                          | 1                            |                    |
| 49                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .  | 2                          |                              |                    |
| 49                     | AN960JD416         | .WASHER (REPLACES AN960PD416) (REPLACED BY . . . . .<br>NAS1149D0463J)  | 2                          |                              |                    |
| 49                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) . . . . .   | 2                          |                              |                    |
| 50                     | NAS517-4-9         | .SCREW . . . . .  | 2                          | 1                            |                    |
| 51                     | 212-001-164-001    | .STICK ASSY (S/N 30504 THRU 30596) (SEE FIG. 4 FOR . .<br>BREAKDOWN)  | 1                          |                              |                    |
| 51                     | 212-001-164-007    | .STICK ASSY (S/N 30597 THRU 35023) (SEE FIG. 4 FOR . .<br>BREAKDOWN) (REPLACED BY 212-001-164-105)                    | 1                          | 0                            |                    |
| 51                     | 212-001-164-105    | .STICK ASSY (S/N 35024 THRU 35062) (SEE FIG. 4 FOR . .<br>BREAKDOWN) (REPLACES 212-001-164-007)                       | 1                          | 0                            |                    |
| 51                     | 212-001-164-111    | .STICK ASSY (S/N 35063 THRU 35103) (SEE FIG. 4 FOR . .<br>BREAKDOWN) (REPLACED BY 212-001-164-125)                    | 1                          |                              |                    |
| 51                     | 212-001-164-125    | .STICK ASSY (S/N 35063 THRU SUB) (SEE FIG. 4 FOR . . . .<br>BREAKDOWN) (REPLACES 212-001-164-111)                     | 1                          |                              |                    |
| 52                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) . . . . .  | 1                          | 0                            |                    |
| 52                     | MS21042L4          | .NUT (REPLACES NAS679A4) . . . . .  | 1                          | 1                            |                    |
| 53                     | NAS1197-416        | .WASHER . . . . .   | 2                          | 1                            |                    |
| 54                     | AN174-14A          | .BOLT . . . . .   | 1                          | 1                            |                    |
| 55                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) . . . . .  | 3                          | 0                            |                    |
| 55                     | MS21042L4          | .NUT (REPLACES NAS679A4) . . . . .  | 3                          | 1                            |                    |
| 56                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .  | 6                          |                              |                    |
| 56                     | AN960JD416         | .WASHER (REPLACES AN960PD416) (REPLACED BY . . . . .<br>NAS1149D0463J)  | 6                          |                              |                    |
| 56                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) . . . . .   | 6                          |                              |                    |
| 57                     | AN174-7A           | .BOLT . . . . .   | 3                          | 1                            |                    |
| 58                     | 212-001-168-001    | .SHIM . . . . .   | 2                          | 1                            |                    |
| 59                     | 212-001-162-007    | .ELBOW AND SUPPORT, COPILOT (S/N 30504 THRU 30614) .<br>(SEE FIG. 6 FOR BREAKDOWN) (REPLACED BY<br>212-001-162-011)   | 1                          | 0                            |                    |
| 59                     | 212-001-162-017    | .ELBOW AND SUPPORT, COPILOT (S/N 30615 THRU SUB) . . .<br>(SEE FIG. 6 FOR BREAKDOWN) (REPLACED BY<br>212-001-162-015) | 1                          | 0                            |                    |
| 60                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) . . . . .  | 6                          | 0                            |                    |
| 60                     | MS21042L4          | .NUT (REPLACES NAS679A4) . . . . .  | 6                          | 1                            |                    |
| 61                     | AN960-416          | .WASHER (REPLACED BY NAS1149F0463P) . . . . .   | 12                         | 1                            |                    |
| 61                     | NAS1149F0463P      | .WASHER (REPLACES AN960-416) . . . . .  | 12                         |                              |                    |
| 62                     | AN4-22A            | .BOLT . . . . .   | 6                          | 1                            |                    |
| 63                     | 20-037-4-7         | .BUSHING . . . . .  | 12                         | 1                            |                    |
| 64                     | 204-001-109-001    | .TUBE . . . . .   | 1                          | 1                            |                    |
| 65                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) . . . . .  | 4                          | 0                            |                    |



| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-3. Jackshaft installation, collective (Cont'd)</b>       |                            |                              |                    |
| 65                     | MS21042L4          | .NUT (REPLACES NAS679A4) . . . . .                                     | 4                          | 1                            |                    |
| 66                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .                             | 4                          |                              |                    |
| 66                     | AN960JD416         | .WASHER (REPLACES AN960PD416) (REPLACED BY . . . . .<br>NAS1149D0463J) | 4                          |                              |                    |
| 66                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) . . . . .                                | 4                          |                              |                    |
| 67                     | NAS1197-416        | .WASHER . . . . .  | 4                          | 1                            |                    |
| 68                     | AN174-7A           | .BOLT . . . . .  | 4                          | 1                            |                    |
| 69                     | 204-001-330-005    | .SUPPORT ASSY . . . . .  | 1                          | 1                            |                    |
| 70                     | RR262              | ..RETAINER (REPLACED BY M27426-3163D) . . . . .                        | 1                          |                              |                    |
| 70                     | M27426-3163D       | ..RETAINER (REPLACES RR262) . . . . .                                  | 1                          |                              |                    |
| 71                     | B545ZZ             | ..BEARING (REPLACED BY MS27646-45) . . . . .                           | 1                          | 0                            |                    |
| 71                     | MS27646-45         | ..BEARING (REPLACES B545ZZ) . . . . .<br>(ALTERNATE PART)              | 1                          | 1                            |                    |
| 71                     | B545DD             | ..BEARING (REPLACED BY MS27646-45) . . . . .                           | 1                          |                              |                    |
| 71                     | MS27646-45         | ..BEARING (REPLACES B545DD) . . . . .                                  | 1                          | 1                            |                    |
| 72                     | 204-001-185-005    | .ARM ASSY (S/N 30504 THRU 35048) . . . . .                             | 1                          | 1                            |                    |
| 73                     | AN206DSP4          | ..BEARING (REPLACED BY MS27643-4) . . . . .                            | 1                          | 0                            |                    |
| 73                     | MS27643-4          | ..BEARING (REPLACES AN206DSP4) . . . . .                               | 1                          | 1                            |                    |
| 74                     | 23S4-4A            | ..BUSHING (REPLACED BY 120-013-4A) . . . . .                           | 1                          | 0                            |                    |
| 74                     | 120-013-4A         | ..SLEEVE (REPLACES 23S4-4A) . . . . .                                  | 1                          | 1                            |                    |
| 75                     | 212-001-248-001    | .LEVER AND SUPPORT ASSY (S/N 35049 THRU SUB) . . . . .                 | 1                          | 6                            |                    |
| 76                     | 30-015-6           | ..COLLAR . . . . .   | 2                          | 1                            |                    |
| 77                     | 100-048-6-8        | ..PIN . . . . .  | 2                          | 1                            |                    |
| 78                     | 212-001-249-001    | ..SUPPORT . . . . .  | 1                          | 1                            |                    |



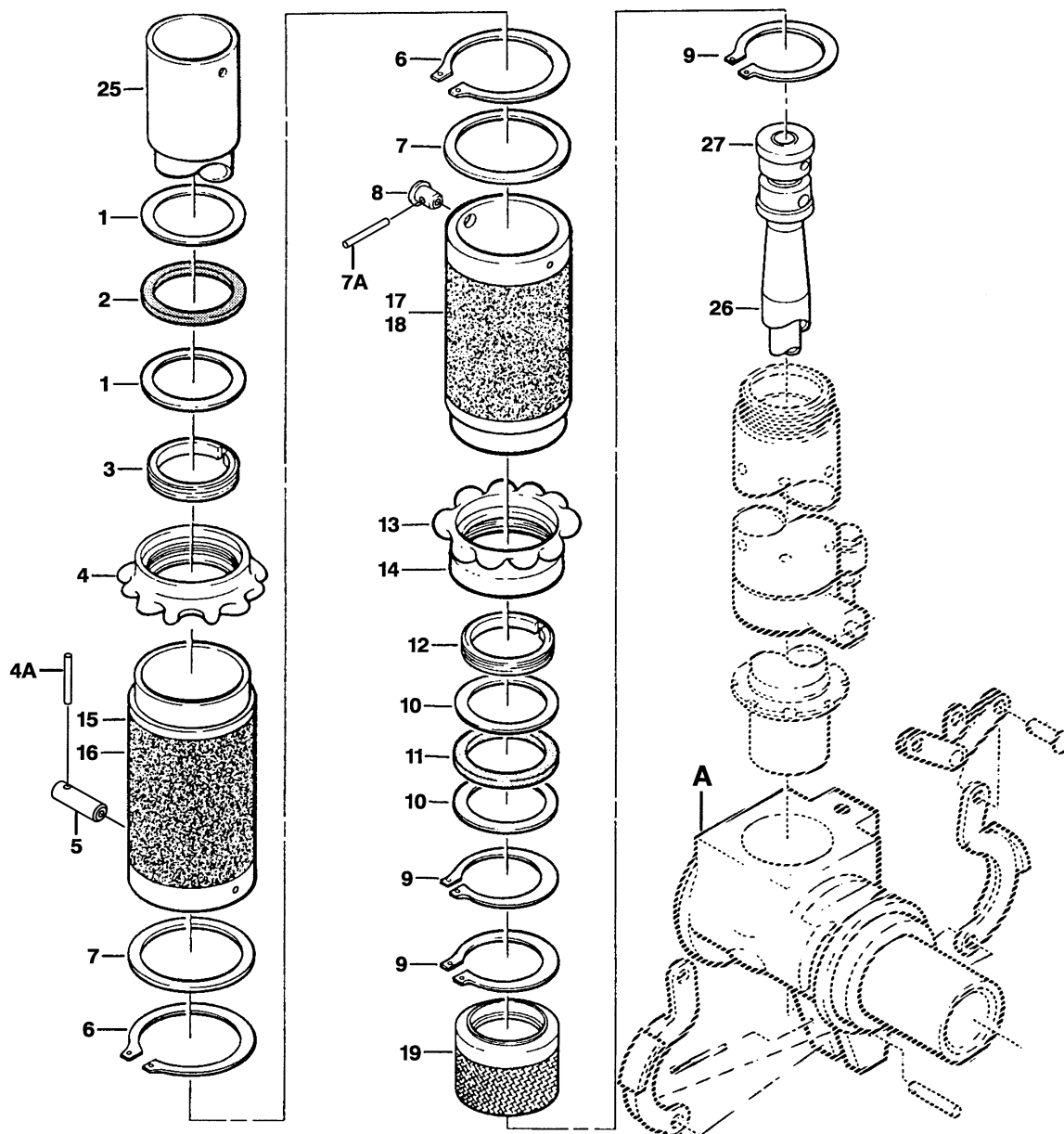
212-67-1004  
C0000

Figure 67-4. Stick assy, pilots collective

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-4. Stick assy, pilots collective</b>  |                            |                              |                    |
|                        | 212-001-164-001    | STICK ASSY, PILOTS COLLECTIVE (S/N 30504 THRU . . . . . 30596) (SEE FIG. 3 FOR NHA) (SEE FIG. 5 FOR BALANCE OF BREAKDOWN)                               | REF                        |                              |                    |
|                        | 212-001-164-007    | STICK ASSY, PILOTS COLLECTIVE (S/N 30597 THRU . . . . . 35023) (SEE FIG. 3 FOR NHA) (SEE FIG. 5 FOR BALANCE OF BREAKDOWN) (REPLACED BY 212-001-164-105) | REF                        | 0                            |                    |
|                        | 212-001-164-105    | STICK ASSY, PILOTS COLLECTIVE (S/N 35024 THRU . . . . . 35062) (SEE FIG. 3 FOR NHA) (SEE FIG. 5 FOR BALANCE OF BREAKDOWN) (REPLACES 212-001-164-007)    | REF                        | 0                            |                    |
|                        | 212-001-164-111    | STICK ASSY, PILOTS COLLECTIVE (S/N 35063 THRU . . . . . 35103) (SEE FIG. 3 FOR NHA) (SEE FIG. 5 FOR BALANCE OF BREAKDOWN) (REPLACED BY 212-001-164-125) | REF                        |                              |                    |
|                        | 212-001-164-125    | STICK ASSY, PILOTS COLLECTIVE (S/N 35063 THRU SUB) . (SEE FIG. 3 FOR NHA) (SEE FIG. 5 FOR BALANCE OF BREAKDOWN) (REPLACES 212-001-164-111)              | REF                        |                              |                    |
| 1                      | NAS679A3           | .NUT (REPLACED BY MS21042L3) . . . . .  | 1                          |                              |                    |
| 1                      | MS21042L3          | .NUT (REPLACES NAS679A3) . . . . .  | 1                          | 1                            |                    |
| 2                      | AN960JD10          | .WASHER (REPLACED BY NAS1149D0363J) . . . . .   | 1                          |                              |                    |
| 2                      | NAS1149D0363J      | .WASHER (REPLACES AN960JD10) . . . . .  | 1                          |                              |                    |
| 3                      | AN520-10R10        | .SCREW (REPLACED BY MS35207-264) . . . . .  | 1                          | 0                            |                    |
| 3                      | MS35207-264        | .SCREW (REPLACES AN520-10R10) . . . . .   | 1                          | 1                            |                    |
| 4                      | MS21919WDG8        | .CLAMP . . . . .  | 1                          | 1                            |                    |
| 5                      | MS21919WDG27       | .CLAMP . . . . .  | 1                          | 1                            |                    |
| 6                      | MS35214-40         | .SCREW . . . . .  | 3                          | 1                            |                    |
| 7                      | 212-075-186-001    | .PANEL ASSY (S/N 30504 THRU 30596, 30604 THRU . . . . . 30610)  | 1                          | 1                            |                    |
| 7                      | 212-075-186-005    | .PANEL ASSY (S/N 30597 THRU 30603, 30611 THRU SUB) . .  | 1                          | 6                            |                    |
| 8                      | 13AT66             | ..SWITCH (PRE TB 212-93-145) (REPLACED BY . . . . . 120-071-1)  | 1                          |                              |                    |
| 8                      | 120-071-1          | ..SWITCH (PRE TB 212-93-145) (REPLACES 13AT66) . . . .  | 1                          | 1                            |                    |
| 8                      | 51MX5-J            | ..SWITCH (POST TB 212-93-145) . . . . .   | 1                          |                              |                    |
| 9                      | MS35206-213        | ..SCREW . . . . .   | 2                          | 1                            |                    |
| 10                     | 212-075-265-001    | ..SWITCH (REPLACES X646A) . . . . .   | 1                          | 1                            |                    |
| 11                     | BT10               | ..BUTTON (REPLACED BY 20-044-1) (REPLACED BY . . . . . 20-044-1)  | 1                          | 0                            |                    |
| 11                     | 20-044-1           | ..BUTTON SWITCH (REPLACED BY 20-044-1) (REPLACES . . BT10)  | 1                          | 1                            |                    |
| 11                     | 20-044-1           | ..BUTTON SWITCH (REPLACES BT10) . . . . .   | 1                          | 1                            |                    |
| 12                     | 212-075-153-001    | ..SWITCH (REPLACED BY 212-075-153-003) . . . . .  | 1                          |                              |                    |
| 12                     | 212-075-153-003    | ..SWITCH (REPLACES 212-075-153-001) . . . . .   | 1                          |                              |                    |
| 13                     | MS35058-27         | ..SWITCH (REPLACED BY MS24523-27) . . . . .   | 1                          |                              |                    |
| 13                     | MS24523-27         | ..SWITCH (REPLACES MS35058-27) . . . . .  | 1                          | 1                            |                    |
| 14                     | MS35058-22         | ..SWITCH (REPLACED BY MS24523-22) . . . . .   | 1                          |                              |                    |
| 14                     | MS24523-22         | ..SWITCH (REPLACES MS35058-22) . . . . .  | 1                          | 1                            |                    |
| 15                     | MS35058-27         | ..SWITCH (REPLACED BY MS24523-27) . . . . .   | 1                          |                              |                    |
| 15                     | MS24523-27         | ..SWITCH (REPLACES MS35058-27) . . . . .  | 1                          | 1                            |                    |
| 16                     | MS35058-21         | ..SWITCH (REPLACED BY MS24523-21) . . . . .   | 1                          |                              |                    |
| 16                     | MS24523-21         | ..SWITCH (REPLACES MS35058-21) . . . . .  | 1                          | 1                            |                    |
| 17                     | MS35214-28         | ..SCREW . . . . .   | 3                          | 1                            |                    |
| 18                     | 212-075-187-001    | ..PANEL (S/N 30504 THRU 30596, 30604 THRU 30610) . . .  | 1                          |                              |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-4. Stick assy, pilots collective (Cont'd)</b>                       |                            |                              |                    |
| 18                     | 212-075-387-001    | .. PANEL ASSY (PRE TB 212-93-145) (S/N 30597 THRU . . .<br>30603, 30611 THRU SUB) | 1                          | 1                            |                    |
| 18                     | 212-075-387-101    | .. PANEL ASSY (POST TB 212-93-145) . . . . .                                      | 1                          | 1                            |                    |
| 19                     | NAS679A06          | .. NUT (REPLACED BY MS21042L06) . . . . .   | 1                          | 1                            |                    |
| 19                     | MS21042L06         | .. NUT (REPLACES NAS679A06) . . . . .   | 1                          | 1                            |                    |
| 20                     | AN960D6L           | .. WASHER (REPLACED BY NAS1149DN616H) . . . . .                                   | 2                          |                              |                    |
| 20                     | NAS1149DN616H      | .. WASHER (REPLACES AN960D6L) . . . . .   | 2                          |                              |                    |
| 21                     | MS20341-6A         | .. NUT (REPLACED BY MS35649-265) . . . . .  | 1                          | 1                            |                    |
| 21                     | MS35649-265        | .. NUT (REPLACES MS20341-6A) . . . . .  | 1                          | 1                            |                    |
| 22                     | AN936B6            | .. WASHER (REPLACED BY MS35335-30) . . . . .                                      | 1                          |                              |                    |
| 22                     | MS35335-30         | .. WASHER (REPLACES AN936B6) . . . . .  | 1                          |                              |                    |
| 23                     | MS24693S29         | .. SCREW (REPLACED BY MS24693-S29) . . . . .                                      | 1                          |                              |                    |
| 23                     | MS24693-S29        | .. SCREW (REPLACES MS24693S29) . . . . .  | 1                          |                              |                    |
| 24                     | NAS679A06          | .. NUT (REPLACED BY MS21042L06) . . . . .   | 2                          | 1                            |                    |
| 24                     | MS21042L06         | .. NUT (REPLACES NAS679A06) . . . . .   | 2                          | 1                            |                    |
| 25                     | AN960D6L           | .. WASHER (REPLACED BY NAS1149DN616H) . . . . .                                   | 4                          |                              |                    |
| 25                     | NAS1149DN616H      | .. WASHER (REPLACES AN960D6L) . . . . .   | 4                          |                              |                    |
| 26                     | MS20341-6A         | .. NUT (REPLACED BY MS35649-265) . . . . .  | 2                          | 1                            |                    |
| 26                     | MS35649-265        | .. NUT (REPLACES MS20341-6A) . . . . .  | 2                          | 1                            |                    |
| 27                     | AN936B6            | .. WASHER (REPLACED BY MS35335-30) . . . . .                                      | 2                          |                              |                    |
| 27                     | MS35335-30         | .. WASHER (REPLACES AN936B6) . . . . .  | 2                          |                              |                    |
| 28                     | MS24693S29         | .. SCREW (REPLACED BY MS24693-S29) . . . . .                                      | 2                          |                              |                    |
| 28                     | MS24693-S29        | .. SCREW (REPLACES MS24693S29) . . . . .  | 2                          |                              |                    |
| 29                     | NAS679A04          | .. NUT (REPLACED BY MS21042L04) . . . . .   | 2                          | 1                            |                    |
| 29                     | MS21042L04         | .. NUT (REPLACES NAS679A04) . . . . .   | 2                          | 1                            |                    |
| 30                     | NAS679A06          | .. NUT (REPLACED BY MS21042L06) . . . . .   | 3                          | 1                            |                    |
| 30                     | MS21042L06         | .. NUT (REPLACES NAS679A06) . . . . .   | 3                          | 1                            |                    |
| 31                     | AN960JD4           | .. WASHER (REPLACED BY NAS1149DN432J) . . . . .                                   | 2                          | 1                            |                    |
| 31                     | NAS1149DN432J      | .. WASHER (REPLACES AN960JD4) . . . . .   | 2                          | 1                            |                    |
| 32                     | AN961-6            | .. WASHER (REPLACED BY AN961-6T) . . . . .  | 3                          |                              |                    |
| 32                     | AN961-6T           | .. WASHER (REPLACES AN961-6) . . . . .  | 3                          |                              |                    |
| 33                     | MS35206-215        | .. SCREW . . . . .  | 2                          | 1                            |                    |
| 34                     | MS25227-1A         | .. STRIP (REPLACED BY MS3373-A1) . . . . .  | 2                          |                              |                    |
| 34                     | MS3373-A1          | .. STRIP (REPLACES MS25227-1A) . . . . .  | 2                          |                              |                    |
| 35                     | MS27212-1-3        | .. TERMINAL BOARD . . . . .   | 1                          | 1                            |                    |
| 36                     | 204-075-187-005    | .. DIODE ASSY (REPLACED BY 30-037-3) . . . . .                                    | 2                          | 0                            |                    |
| 36                     | 30-037-3           | .. DIODE ASSY (REPLACES 204-075-187-005) . . . . .                                | 2                          | 0                            |                    |
| 37                     | 204-075-187-001    | .. DIODE ASSY (REPLACED BY 30-037-26) . . . . .                                   | 3                          | 0                            |                    |
| 37                     | 30-037-26          | .. DIODE ASSY (REPLACES 204-075-187-001) . . . . .                                | 3                          | 0                            |                    |
| 38                     | 212-075-188-101    | .. PLATE (POST TB 212-93-145) . . . . .   | 1                          | 1                            |                    |
| 39                     | 212-075-631-001    | .. CABLE ASSY . . . . .   | 1                          |                              |                    |
| 40                     | MS3126E18-32P      | .. CONNECTOR (REFERENCE DESIGNATOR P48) . . . . .                                 | 1                          | 1                            |                    |
| 41                     | M39029/31-240      | .. CONTACT (POST TB 212-93-145) . . . . .   | 4                          | 1                            |                    |
| 42                     | MS16628-1062       | .. RETAINER . . . . .   | 1                          | 1                            |                    |
| 43                     | AN6227-12          | .. PACKING, PREFORMED (REPLACED BY MS28775-114) . . . . .                         | 1                          | 6                            |                    |
| 43                     | MS28775-114        | .. PACKING, PREFORMED (REPLACES AN6227-12) . . . . .                              | 1                          | 6                            |                    |
| 44                     | 209-001-155-001    | .. WASHER . . . . .   | 1                          | 1                            |                    |
| 45                     | MS16628-1062       | .. RETAINER . . . . .   | 1                          | 1                            |                    |
| 46                     | MS171599           | .. PIN (REPLACED BY NAS561C6-26) . . . . .  | 1                          |                              |                    |
| 46                     | NAS561C6-26        | .. PIN (REPLACES MS171599) . . . . .  | 1                          |                              |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br><b>PART NUMBER</b> | (3)<br><b>ITEM NAME</b>                                     | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|---------------------------|---|----------------------------|------------------------------|--------------------|
|                        |                           | <b>FIGURE: 67-4. Stick assy, pilots collective (Cont'd)</b> |                            |                              |                    |
| 47                     | 209-001-192-001           | .BOX ASSY . . . . .   | 1                          | 6                            |                    |
| 48                     | AN3054-10                 | .NUT . . . . .  | 1                          | 1                            |                    |
| 49                     | AN3053-10                 | .FERRULE . . . . .  | 1                          | 1                            |                    |
| 50                     | AN3066-10                 | .NUT . . . . .  | 1                          | 1                            |                    |
| 51                     | AN3064-10                 | .BOX CONNECTOR . . . . .                                    | 1                          | 1                            |                    |
| 52                     | 212-001-180-001           | .CONDUIT . . . . .  | 1                          |                              |                    |



212-67-1005-1  
C0000

Figure 67-5. Stick assembly, pilots collective (Sheet 1 of 2)



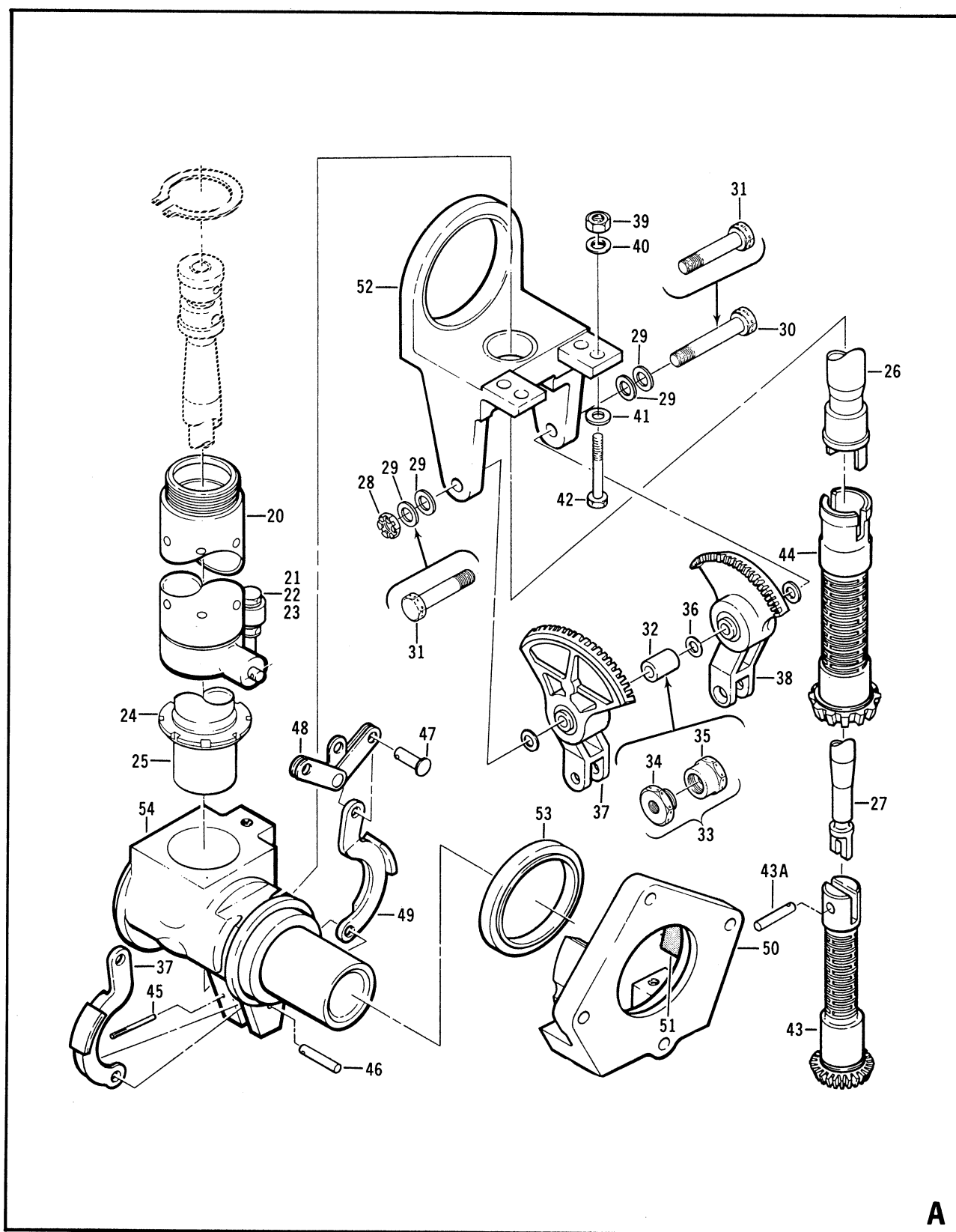


Figure 67-5. Stick assembly, pilots collective (Sheet 2)

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-5. Stick assembly, pilots collective</b>  |                            |                              |                    |
|                        | 212-001-164-001    | STICK ASSY, PILOTS COLLECTIVE (S/N 30504 THRU . . . . .<br>30596) (SEE FIG. 3 FOR NHA) (SEE FIG. 4 FOR BALANCE<br>OF BREAKDOWN)                               | REF                        |                              |                    |
|                        | 212-001-164-007    | STICK ASSY, PILOTS COLLECTIVE (S/N 30597 THRU . . . . .<br>35023) (SEE FIG. 3 FOR NHA) (SEE FIG. 4 FOR BALANCE<br>OF BREAKDOWN) (REPLACED BY 212-001-164-105) | REF                        | 0                            |                    |
|                        | 212-001-164-105    | STICK ASSY, PILOTS COLLECTIVE (S/N 35024 THRU . . . . .<br>35062) (SEE FIG. 3 FOR NHA) (SEE FIG. 4 FOR BALANCE<br>OF BREAKDOWN) (REPLACES 212-001-164-007)    | REF                        | 0                            |                    |
|                        | 212-001-164-111    | STICK ASSY, PILOTS COLLECTIVE (S/N 35063 THRU . . . . .<br>35103) (SEE FIG. 3 FOR NHA) (SEE FIG. 4 FOR BALANCE<br>OF BREAKDOWN) (REPLACED BY 212-001-164-125) | REF                        |                              |                    |
|                        | 212-001-164-125    | STICK ASSY, PILOTS COLLECTIVE (S/N 35063 THRU SUB) .<br>(SEE FIG. 3 FOR NHA) (SEE FIG. 4 FOR BALANCE OF<br>BREAKDOWN) (REPLACES 212-001-164-111)              | REF                        |                              |                    |
| 1                      | 212-001-117-003    | .WASHER . . . . .   | 2                          | 1                            |                    |
| 2                      | 204-001-156-003    | .WASHER . . . . .   | 1                          | 1                            |                    |
| 3                      | 212-001-114-001    | .SCREW, FRICTION . . . . .  | 1                          | 1                            |                    |
| 4                      | 212-001-109-001    | .NUT . . . . .  | 1                          | 1                            |                    |
| 4A                     | NAS561P2-9         | .PIN (USBL ON 212-001-164-125) . . . . .  | 1                          |                              |                    |
| 5                      | 212-001-140-001    | .PIN (USBL ON 212-001-164-001 AND -007) . . . . .   | 1                          | 1                            |                    |
| 5                      | 212-001-228-101    | .PIN (USBL ON 212-001-164-105, -111 AND -125) . . . . .   | 1                          | 1                            |                    |
| 6                      | MS16624-1131       | .RETAINER . . . . .   | 2                          | 1                            |                    |
| 7                      | 212-001-117-001    | .WASHER . . . . .   | 2                          | 1                            |                    |
| 7A                     | NAS561P2-10        | .PIN (POST ASB 212-92-75) (USBL ON . . . . .<br>212-001-164-111 AND -125)   | 1                          |                              |                    |
| 8                      | 212-001-139-001    | .PIN (USBL ON 212-001-164-001 AND -007) . . . . .   | 1                          | 1                            |                    |
| 8                      | 212-001-227-101    | .PIN (USBL ON 212-001-164-105) . . . . .  | 1                          | 1                            |                    |
| 8                      | 412-001-110-101    | .PIN (USBL ON 212-001-164-111 AND -125) . . . . .   | 1                          | 1                            |                    |
| 9                      | MS16624-1131       | .RETAINER . . . . .   | 3                          | 1                            |                    |
| 10                     | 212-001-117-003    | .WASHER . . . . .   | 2                          | 1                            |                    |
| 11                     | 204-001-156-003    | .WASHER . . . . .   | 1                          | 1                            |                    |
| 12                     | 212-001-114-003    | .SCREW, FRICTION . . . . .  | 1                          | 1                            |                    |
| 13                     | 212-001-109-005    | .NUT . . . . .  | 1                          | 1                            |                    |
| 14                     | 204-001-284-001    | .DECAL (THROTTLE FRICTION COLLECTIVE SYSTEM) . . . . .  | 1                          | 1                            |                    |
| 15                     | 212-001-175-001    | .GRIP ASSY . . . . .  | 1                          | 1                            |                    |
| 16                     | 212-001-179-001    | ..COVER . . . . .   | 1                          | 1                            |                    |
| 17                     | 212-001-176-001    | .GRIP ASSY . . . . .  | 1                          | 1                            |                    |
| 18                     | 212-001-182-001    | ..COVER . . . . .   | 1                          | 1                            |                    |
| 19                     | 212-001-108-001    | .NUT ASSY . . . . .   | 1                          | 1                            |                    |
| 20                     | 212-001-142-001    | .TUBE ASSY . . . . .  | 1                          | 1                            |                    |
| 21                     | NAS679A4           | ..NUT (REPLACED BY MS21042L4) . . . . .   | 1                          | 0                            |                    |
| 21                     | MS21042L4          | ..NUT (REPLACES NAS679A4) . . . . .   | 1                          | 1                            |                    |
| 22                     | AN960PD416         | ..WASHER (REPLACED BY NAS1149D0463J) (REPLACED BY .<br>AN960JD416)  | 2                          |                              |                    |
| 22                     | AN960JD416         | ..WASHER (REPLACED BY NAS1149D0463J) (REPLACES . . .<br>AN960PD416) (REPLACED BY NAS1149D0463J)   | 2                          |                              |                    |
| 22                     | NAS1149D0463J      | ..WASHER (REPLACED BY NAS1149D0463J) (REPLACES . . .<br>AN960JD416)   | 2                          |                              |                    |
| 22                     | NAS1149D0463J      | ..WASHER (REPLACES AN960PD416 AND AN960JD416) . . . . .   | 2                          |                              |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-5. Stick assembly, pilots collective (Cont'd)</b>  |                            |                              |                    |
| 23                     | 212-001-131-001    | ..STUD . . . . .   | 1                          | 1                            |                    |
| 24                     | 212-001-155-001    | .NUT . . . . .   | 1                          | 1                            |                    |
| 25                     | 212-001-181-001    | .STICK TUBE (USBL ON 212-001-164-001 AND -007) . . . .   | 1                          | 1                            |                    |
| 25                     | 212-001-181-101    | .STICK TUBE (USBL ON 212-001-164-105) . . . . .  | 1                          | 1                            |                    |
| 25                     | 212-001-181-103    | .STICK TUBE (USBL ON 212-001-164-111 AND -125) . . . .   | 1                          |                              |                    |
| 26                     | 212-001-165-003    | .TUBE ASSY (USBL ON 212-001-164-001 AND -007) . . . . .  | 1                          | 1                            |                    |
| 26                     | 212-001-165-101    | .TUBE ASSY (USBL ON 212-001-164-105) . . . . .   | 1                          | 1                            |                    |
| 26                     | 212-001-165-105    | .TUBE ASSY (USBL ON 212-001-164-111 AND -125) . . . . .  | 1                          | 1                            |                    |
| 27                     | 212-001-166-005    | .TUBE ASSY (USBL ON 212-001-164-001 AND -007) . . . . .  | 1                          | 1                            |                    |
| 27                     | 212-001-166-101    | .TUBE ASSY (USBL ON 212-001-164-105, -111 AND . . . . .<br>-125)   | 1                          | 1                            |                    |
| 28                     | NAS679A3           | .NUT (S/N 30504 THRU 30596, 30604 THRU 30610) . . . . .<br>(REPLACED BY MS21042L3)   | 1                          |                              |                    |
| 28                     | MS21042L3          | .NUT (S/N 30504 THRU 30596, 30604 THRU 30610) . . . . .<br>(REPLACES NAS679A3)   | 1                          | 1                            |                    |
| 29                     | AN960PD416         | .WASHER (REPLACED BY NAS1149D0463J) (REPLACED BY . .<br>AN960JD416)  | 4                          |                              |                    |
| 29                     | AN960JD416         | .WASHER (REPLACED BY NAS1149D0463J) (REPLACES . . . .<br>AN960PD416) (REPLACED BY NAS1149D0463J)                               | 4                          |                              |                    |
| 29                     | NAS1149D0463J      | .WASHER (REPLACED BY NAS1149D0463J) (REPLACES . . . .<br>AN960JD416)   | 4                          |                              |                    |
| 29                     | NAS1149D0463J      | .WASHER (REPLACES AN960PD416 AND AN960JD416) . . . . .   | 4                          |                              |                    |
| 30                     | AN174-37           | .BOLT (S/N 30504 THRU 30596, 30604 THRU 30610) . . . . .   | 1                          | 1                            |                    |
| 31                     | NAS1304-18H        | .BOLT (S/N 30597 THRU 30603, 30611 THRU SUB) (USBL . .<br>ON 212-001-164-007, -105, -111 AND -125)<br>(REPLACED BY NAS6604H18) | 1                          | 0                            |                    |
| 31                     | NAS6604H18         | .BOLT (S/N 30597 THRU 30603, 30611 THRU SUB) (USBL . .<br>ON 212-001-164-007, -105, -111 AND -125)<br>(REPLACES NAS1304-18H)   | 1                          | 1                            |                    |
| 32                     | 50Z6D8-23          | .SPACER (S/N 30504 THRU 30596, 30604 THRU 30610) . . .<br>(USBL ON 212-001-164-001)  | 1                          | 6                            |                    |
| 33                     | 212-001-146-001    | .SPACER ASSY (S/N 30597 THRU 30603, 30611 THRU . . . .<br>SUB) (USBL ON 212-001-164-007, -105, -111 AND<br>-125)               | 1                          | 1                            |                    |
| 34                     | 212-001-146-003    | ..NUT (USBL ON 212-001-146-001) . . . . .  | 1                          |                              |                    |
| 35                     | 212-001-146-005    | ..NUT (USBL ON 212-001-146-001) . . . . .  | 1                          |                              |                    |
| 36                     | 120-036E20-8       | .SHIM (REPLACED BY 120-009C20E8) . . . . .   | 1                          |                              |                    |
| 36                     | 120-009C20E8       | .SHIM (REPLACES 120-036E20-8) . . . . .  | 1                          | 1                            |                    |
| 37                     | 212-001-110-001    | .GEAR SECTOR ASSY . . . . .  | 1                          | 1                            |                    |
| 38                     | 212-001-111-001    | .GEAR SECTOR ASSY . . . . .  | 1                          | 1                            |                    |
| 39                     | NAS679A3           | .NUT (REPLACED BY MS21042L3) . . . . .   | 4                          |                              |                    |
| 39                     | MS21042L3          | .NUT (REPLACES NAS679A3) . . . . .   | 4                          | 1                            |                    |
| 40                     | NAS1197-10         | .WASHER . . . . .  | 4                          | 1                            |                    |
| 41                     | NAS1197-10L        | .WASHER . . . . .  | 4                          | 1                            |                    |
| 42                     | AN173-13A          | .BOLT . . . . .  | 4                          | 1                            |                    |
| 43                     | 209-001-195-001    | .FLEX SHAFT ASSY . . . . .   | 1                          | 1                            |                    |
| 43A                    | MS171529           | .PIN (REPLACED BY NAS561C4-11) . . . . .   | 1                          |                              |                    |
| 43A                    | NAS561C4-11        | .PIN (REPLACES MS171529) . . . . .   | 1                          | 1                            |                    |
| 44                     | 209-001-196-001    | .FLEX SHAFT ASSY . . . . .   | 1                          | 1                            |                    |
| 45                     | MS171440           | .PIN (REPLACED BY NAS561C2-12) . . . . .   | 1                          |                              |                    |



| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-5. Stick assembly, pilots collective (Cont'd)</b>                                 |                            |                              |                    |
| 45                     | NAS561C2-12        | .PIN (REPLACES MS171440) . . . . .  | 1                          |                              |                    |
| 46                     | 204-001-234-001    | .PIN . . . . .  | 1                          | 1                            |                    |
| 47                     | AN121652           | .PIN (REPLACED BY MS20392-2S9) . . . . .  | 2                          | 0                            |                    |
| 47                     | MS20392-2S9        | .PIN (REPLACES AN121652) . . . . .  | 2                          | 1                            |                    |
| 48                     | 204-001-236-005    | .LINKAGE ASSY, DRAG . . . . .   | 1                          | 1                            |                    |
| 49                     | 204-001-256-005    | .SHOE . . . . .   | 2                          | 1                            |                    |
| 50                     | 204-001-601-005    | .HOUSING ASSY . . . . .   | 1                          | 1                            |                    |
| 51                     | 204-001-274-001    | .LINING . . . . .   | 2                          | 1                            |                    |
| 52                     | 212-001-119-001    | .SUPPORT ASSY (S/N 30504 THRU 30596, 30604 THRU . . . .<br>30610) (REPLACED BY 212-001-119-005) | 1                          |                              |                    |
| 52                     | 212-001-119-005    | .SUPPORT ASSY (S/N 30504 THRU SUB) (REPLACES . . . . .<br>212-001-119-001)                      | 1                          | 1                            |                    |
| 53                     | B545ZZ             | .BEARING (REPLACED BY MS27646-45) . . . . .   | 2                          | 0                            |                    |
| 53                     | MS27646-45         | .BEARING (REPLACES B545ZZ) . . . . .  | 2                          | 1                            |                    |
| 53                     | B545DD             | .BEARING (REPLACED BY MS27646-45) . . . . .   | 2                          |                              |                    |
| 53                     | MS27646-45         | .BEARING (REPLACES B545DD) . . . . .  | 2                          | 1                            |                    |
| 54                     | 212-001-105-001    | .ELBOW . . . . .  | 1                          | 1                            |                    |

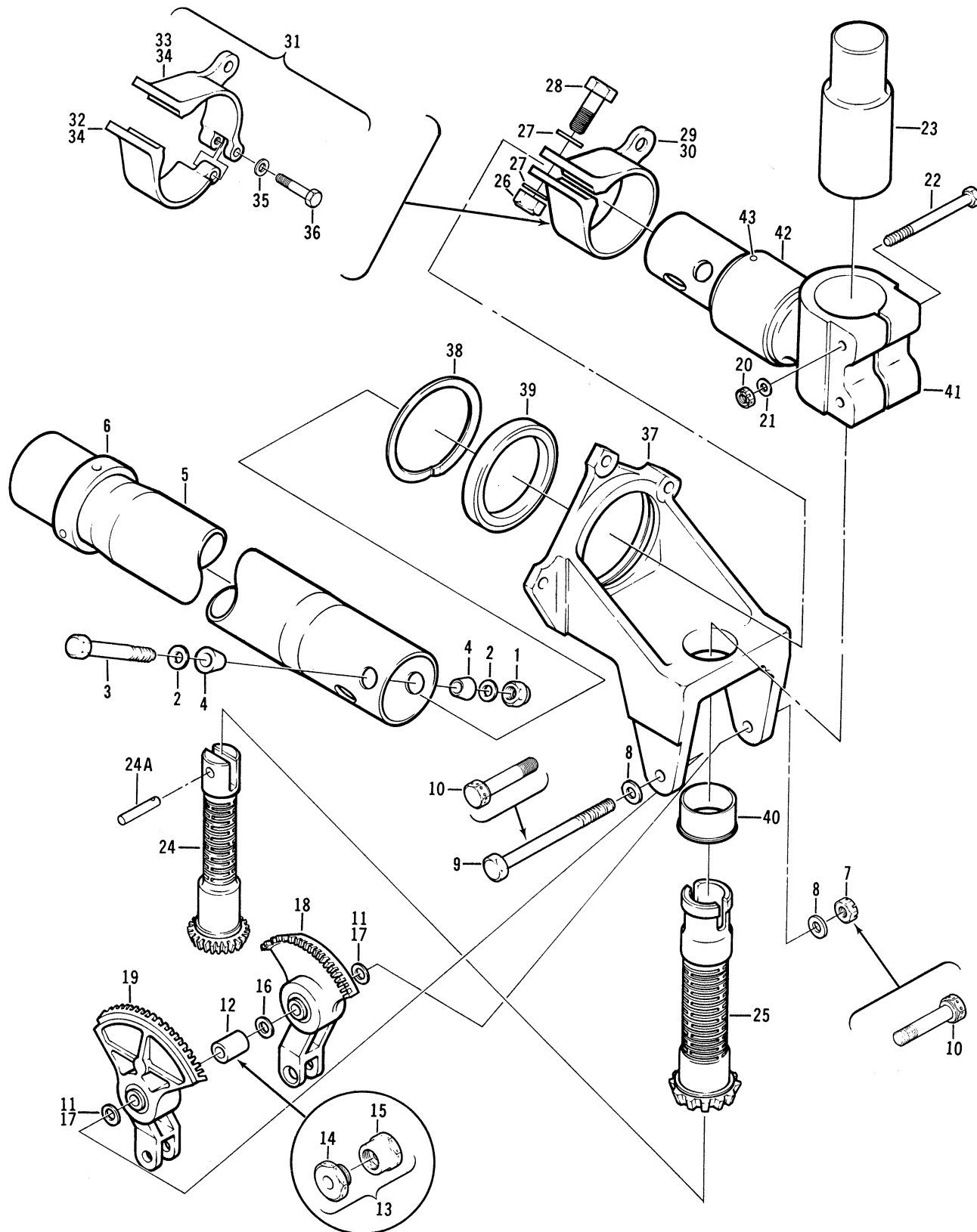


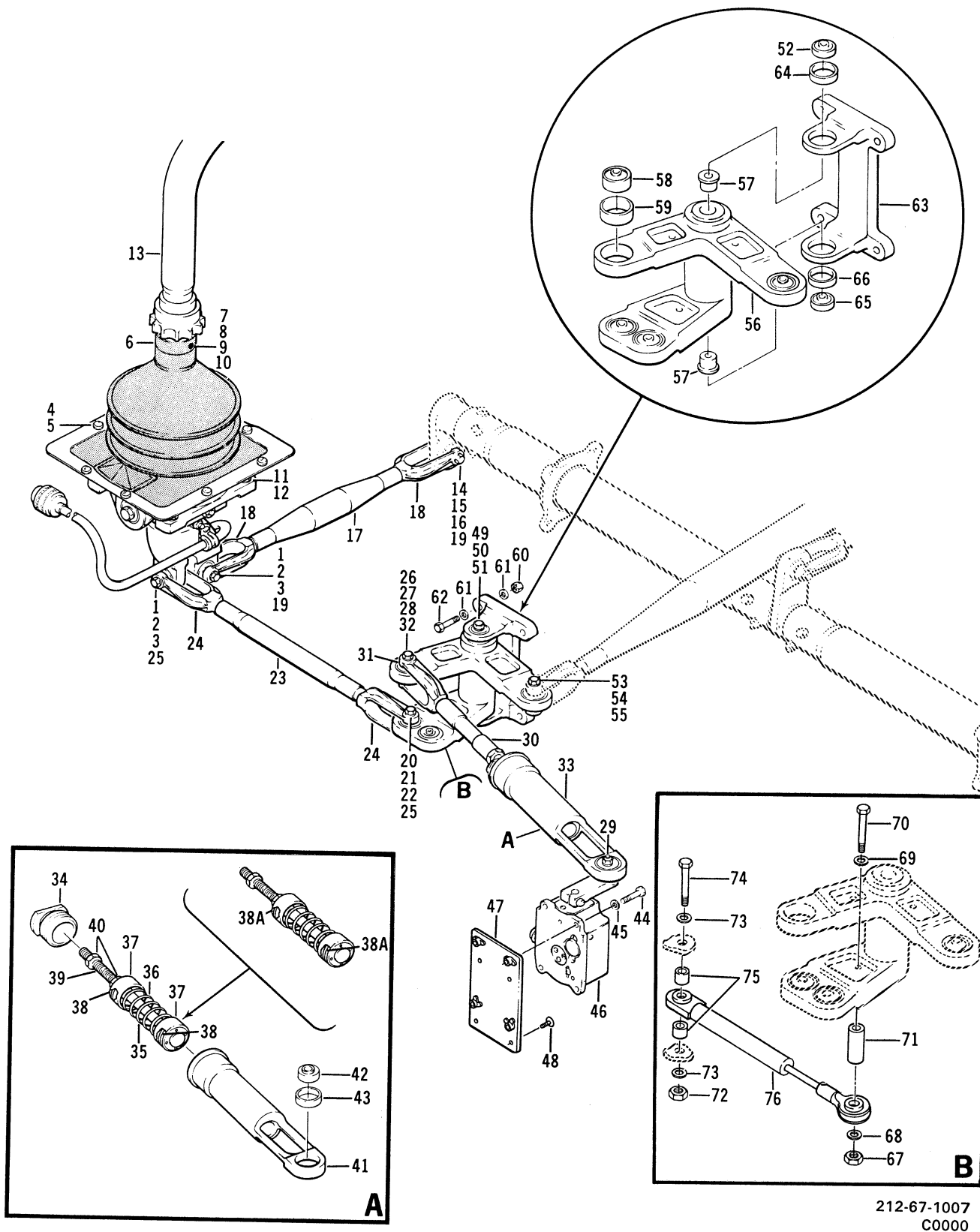
Figure 67-6. Elbow and support assembly, copilot

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-6. Elbow and support assembly, copilot</b>                            |                            |                              |                    |
|                        | 212-001-162-007    | ELBOW AND SUPPORT ASSY, COPILOT (S/N 30504 THRU . . . . 30614) (SEE FIG. 3 FOR NHA) | REF                        |                              |                    |
|                        | 212-001-162-017    | ELBOW AND SUPPORT ASSY, COPILOT (S/N 30615 THRU . . . . SUB) (SEE FIG. 3 FOR NHA)   | REF                        |                              |                    |
| 1                      | NAS679A4           | .NUT (REPLACED BY MS21042L4) . . . . .  | 2                          |                              |                    |
| 1                      | MS21042L4          | .NUT (REPLACES NAS679A4) . . . . .  | 2                          |                              |                    |
| 2                      | AN960-416          | .WASHER (REPLACED BY AN960C416) . . . . .   | 4                          |                              |                    |
| 2                      | AN960C416          | .WASHER (REPLACES AN960-416) . . . . .  | 4                          |                              |                    |
| 3                      | AN4-22A            | .BOLT . . . . .   | 2                          |                              |                    |
| 4                      | 20-037-4-7         | .BUSHING . . . . .  | 4                          |                              |                    |
| 5                      | 204-001-190-001    | .TUBE ASSY (USBL ON 212-001-162-007 AND -017) . . . . .                             | 1                          |                              |                    |
| 6                      | 204-001-189-001    | .BUSHING . . . . .  | 1                          |                              |                    |
| 7                      | MS17825-4          | .NUT (S/N 30504 THRU 30614) (REPLACED BY . . . . . MS14144L4)                       | 1                          |                              |                    |
| 7                      | MS14144L4          | .NUT (S/N 30504 THRU 30614) (REPLACES MS17825-4) . . . . .                          | 1                          |                              |                    |
| 8                      | NAS1197-416        | .WASHER . . . . .   | 2                          |                              |                    |
| 9                      | AN174-35           | .BOLT (S/N 30504 THRU 30614) . . . . .  | 1                          |                              |                    |
| 10                     | NAS1304-18H        | .BOLT (S/N 30615 THRU SUB) (REPLACED BY . . . . . NAS6604H18)                       | 2                          |                              |                    |
| 10                     | NAS6604H18         | .BOLT (S/N 30615 THRU SUB) (REPLACES NAS1304-18H) . . . . .                         | 2                          |                              |                    |
| 11                     | 120-037E12-8       | .SHIM (S/N 30504 THRU 30614) (REPLACED BY . . . . . 120-009C20E8)                   | 2                          |                              |                    |
| 11                     | 120-009C20E8       | .SHIM (S/N 30504 THRU 30614) (REPLACES . . . . . 120-037E12-8)                      | 2                          |                              |                    |
| 12                     | 50Z6D8-23          | .SPACER (S/N 30504 THRU 30614) . . . . .  | 1                          |                              |                    |
| 13                     | 212-001-146-001    | .SPACER ASSY (S/N 30615 THRU SUB) . . . . .   | 1                          |                              |                    |
| 14                     | 212-001-146-003    | .NUT . . . . .  | 1                          |                              |                    |
| 15                     | 212-001-146-005    | .NUT . . . . .  | 1                          |                              |                    |
| 16                     | 120-036E12-8       | .SHIM (S/N 30504 THRU 30614) (REPLACED BY . . . . . 120-009C20E8)                   | 1                          |                              |                    |
| 16                     | 120-009C20E8       | .SHIM (S/N 30504 THRU 30614) (REPLACES . . . . . 120-036E12-8)                      | 1                          |                              |                    |
| 17                     | 120-009C20E8       | .SHIM (S/N 30615 THRU SUB) . . . . .  | 2                          |                              |                    |
| 18                     | 212-001-110-001    | .GEAR SECTOR ASSY . . . . .   | 1                          |                              |                    |
| 19                     | 212-001-111-001    | .GEAR SECTOR ASSY . . . . .   | 1                          |                              |                    |
| 20                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) (USBL ON . . . . . 212-001-162-007 AND -017)           | 2                          |                              |                    |
| 20                     | MS21042L4          | .NUT (REPLACES NAS679A4) (USBL ON 212-001-162-007 . . . . . AND -017)               | 2                          |                              |                    |
| 20                     | MS14144L4          | .NUT (USBL ON 212-001-162-011 AND -015) . . . . .                                   | 2                          |                              |                    |
| 21                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .  | 2                          |                              |                    |
| 21                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .   | 2                          |                              |                    |
| 22                     | AN174-24A          | .BOLT (USBL ON 212-001-162-007 AND -017) . . . . .                                  | 2                          |                              |                    |
| 22                     | AN174-24           | .BOLT (USBL ON 212-001-162-011 AND -015) . . . . .                                  | 2                          |                              |                    |
| 23                     | 212-001-156-001    | .CAP (USBL ON 212-001-162-007 AND -017) . . . . .                                   | 1                          |                              |                    |
| 24                     | 209-001-195-001    | .FLEX SHAFT ASSY . . . . .  | 1                          |                              |                    |
| 24A                    | MS171529           | .PIN (REPLACED BY NAS561C4-11) . . . . .  | 1                          |                              |                    |
| 24A                    | NAS561C4-11        | .PIN (REPLACES MS171529) . . . . .  | 1                          |                              |                    |
| 25                     | 209-001-196-001    | .FLEX SHAFT ASSY . . . . .  | 1                          |                              |                    |
| 26                     | NAS679A5           | .NUT (REPLACED BY MS21042L5) . . . . .  | 1                          |                              |                    |





| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-6. Elbow and support assembly, copilot<br/>(Cont'd)</b>              |                            |                              |                    |
| 26                     | MS21042L5          | .NUT (REPLACES NAS679A5) . . . . .   | 1                          |                              |                    |
| 27                     | AN960JD516         | .WASHER . . . . .  | 2                          |                              |                    |
| 28                     | AN5-10A            | .BOLT . . . . .  | 1                          |                              |                    |
| 29                     | 205-001-109-001    | .CLAMP ASSY (S/N 30504 THRU 30614) . . . . .                                       | 1                          |                              |                    |
| 30                     | 205-001-109-005    | ..LINER (MAKE FROM 150-044-1) . . . . .  | 1                          |                              |                    |
| 30                     | 150-044-1          | ..BUFFER . . . . .   | 1                          |                              |                    |
| 31                     | 212-001-203-001    | .CLAMP ASSY (S/N 30615 THRU SUB) . . . . .   | 1                          |                              |                    |
| 32                     | 212-001-203-003    | ..CLAMP ASSY (S/N 30615 THRU SUB) . . . . .  | 1                          |                              |                    |
| 33                     | 212-001-203-005    | ..CLAMP ASSY (S/N 30615 THRU SUB) . . . . .  | 1                          |                              |                    |
| 34                     | 212-001-203-011    | ...LINER . . . . .   | 1                          |                              |                    |
| 35                     | AN960-10L          | ..WASHER (S/N 30615 THRU SUB) . . . . .  | 1                          |                              |                    |
| 36                     | NAS1223-10         | ..BOLT (S/N 30615 THRU SUB) (REPLACED BY<br>NAS6603L10) . . . . .                  | 1                          |                              |                    |
| 36                     | NAS6603L10         | ..BOLT (S/N 30615 THRU SUB) (REPLACES NAS1223-10) . .                              | 1                          |                              |                    |
| 37                     | 212-001-130-001    | .SUPPORT ASSY (USBL ON 212-001-162-007) (REPLACED<br>BY 212-001-130-005) . . . . . | 1                          |                              |                    |
| 37                     | 212-001-130-005    | .SUPPORT ASSY (USBL ON 212-001-162-007) (REPLACES<br>212-001-130-001) . . . . .    | 1                          |                              |                    |
| 37                     | 212-001-130-009    | .SUPPORT ASSY . . . . .  | 1                          |                              |                    |
| 38                     | RR262C             | ..RETAINER (REPLACED BY M27426-3163B) . . . . .                                    | 1                          |                              |                    |
| 38                     | M27426-3163B       | ..RETAINER (REPLACES RR262C) . . . . .   | 1                          |                              |                    |
| 39                     | B545ZZ             | ..BEARING (REPLACED BY MS27646-45) . . . . .                                       | 1                          |                              |                    |
| 39                     | MS27646-45         | ..BEARING (REPLACES B545ZZ) . . . . .<br>(ALTERNATE PART)                          | 1                          |                              |                    |
| 39                     | B545DD             | ..BEARING (REPLACED BY MS27646-45) . . . . .                                       | 1                          |                              |                    |
| 39                     | MS27646-45         | ..BEARING (REPLACES B545DD) . . . . .  | 1                          |                              |                    |
| 40                     | 20-019-67-42-44    | ..BUSHING . . . . .  | 1                          |                              |                    |
| 41                     | 212-001-124-001    | .ELBOW ASSY . . . . .  | 1                          |                              |                    |
| 42                     | 204-001-188-003    | ..SLEEVE . . . . .   | 1                          |                              |                    |
| 43                     | MS171572           | ..PIN (REPLACED BY NAS561C5-32) . . . . .  | 1                          |                              |                    |
| 43                     | NAS561C5-32        | ..PIN (REPLACES MS171572) . . . . .  | 1                          |                              |                    |



212-67-1007  
C0000

Figure 67-7. Controls installation, fore, aft and lateral cyclic

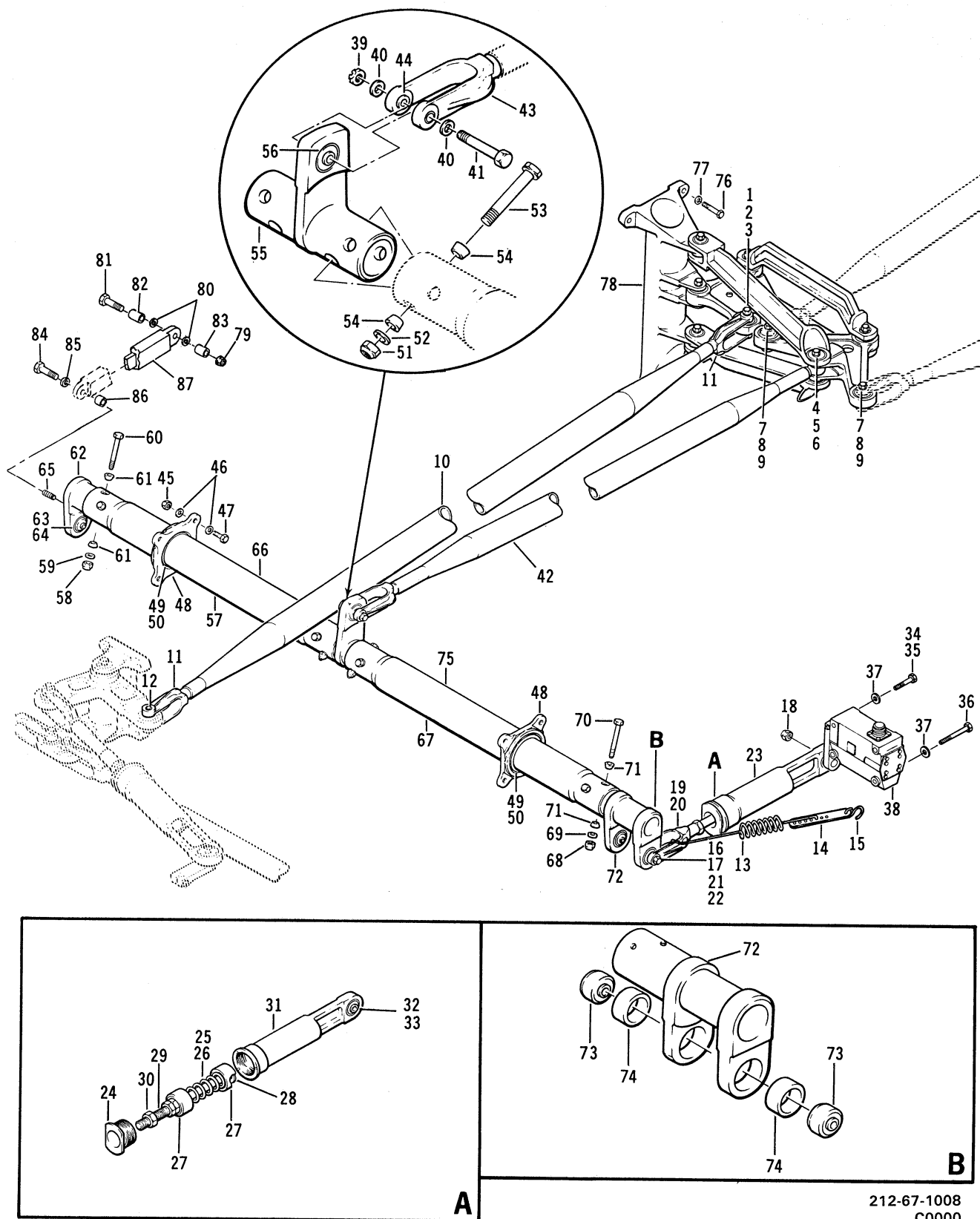
| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-7. Controls installation, fore, aft and lateral cyclic</b>   |                            |                              |                    |
|                        | 212-001-003-001    | CONTROLS INSTL, FORE, AFT AND LATERAL CYCLIC (S/N . . 30504 THRU 30596, 30604 THRU 30610) (SEE FIG. 8, 9 FOR BALANCE OF BREAKDOWN) | 1                          |                              |                    |
|                        | 212-001-003-007    | CONTROLS INSTL, FORE, AFT AND LATERAL CYCLIC (S/N . . 30597 THRU 30603, 30611 THRU 30764) (SEE FIG. 8, 9 FOR BALANCE OF BREAKDOWN) | 1                          |                              |                    |
|                        | 212-001-003-013    | CONTROLS INSTL, FORE, AFT AND LATERAL CYCLIC (S/N . . 30765 THRU 30795) (SEE FIG. 8, 9 FOR BALANCE OF BREAKDOWN)                   | 1                          |                              |                    |
|                        | 212-001-003-017    | CONTROLS INSTL, FORE, AFT AND LATERAL CYCLIC (S/N . . 30796 THRU 30849) (SEE FIG. 8, 9 FOR BALANCE OF BREAKDOWN)                   | 1                          |                              |                    |
|                        | 212-001-003-015    | CONTROLS INSTL, FORE, AFT AND LATERAL CYCLIC (S/N . . 30850 THRU 31256) (SEE FIG. 8, 9 FOR BALANCE OF BREAKDOWN)                   | 1                          |                              |                    |
|                        | 212-001-003-105    | CONTROLS INSTL, FORE, AFT AND LATERAL CYCLIC (S/N . . 31257 THRU 31311, 35001 THRU 35028) (SEE FIG. 8, 9 FOR BALANCE OF BREAKDOWN) | 1                          |                              |                    |
|                        | 212-001-003-107    | CONTROLS INSTL, FORE, AFT AND LATERAL CYCLIC (S/N . . 35029 THRU 35048) (SEE FIG. 8, 9 FOR BALANCE OF BREAKDOWN)                   | 1                          |                              |                    |
|                        | 212-001-003-109    | CONTROLS INSTL, FORE, AFT AND LATERAL CYCLIC (S/N . . 35049 THRU SUB) (SEE FIG. 8, 9 FOR BALANCE OF BREAKDOWN)                     | 1                          |                              |                    |
| 1                      | MS17825-4          | .NUT (S/N 30504 THRU 31311, 35001 THRU 35048) . . . . . (REPLACED BY MS14144L4)  | 2                          |                              |                    |
| 1                      | MS14144L4          | .NUT (S/N 30504 THRU 31311, 35001 THRU 35048) . . . . . (REPLACES MS17825-4)   | 2                          |                              |                    |
| 2                      | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .   | 4                          |                              |                    |
| 2                      | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .  | 4                          |                              |                    |
| 3                      | AN174-20           | .BOLT (S/N 30504 THRU 31311, 35001 THRU 35048) . . . . . (REPLACED BY 20-057-4-17D)  | 2                          |                              |                    |
| 3                      | 20-057-4-17D       | .BOLT (REPLACES AN174-20) . . . . .  | 2                          |                              |                    |
| 4                      | MS27039-1-08       | .SCREW . . . . .   | 8                          |                              |                    |
| 5                      | AN960JD10          | .WASHER . . . . .  | 8                          |                              |                    |
| 6                      | 204-001-328-047    | .BOOT ASSY . . . . .   | 1                          |                              |                    |
| 7                      | AN227-11           | ..BUTTON (REPLACED BY MS27981-1N) . . . . .  | 2                          |                              |                    |
| 7                      | MS27981-1N         | ..BUTTON (REPLACES AN227-11) . . . . .   | 2                          |                              |                    |
| 8                      | AN227-12           | ..SOCKET . . . . .   | 2                          |                              |                    |
| 9                      | AN227-13           | ..STUD (REPLACED BY MS27981-4N) . . . . .  | 2                          |                              |                    |
| 9                      | MS27981-4N         | ..STUD (REPLACES AN227-13) . . . . .   | 2                          |                              |                    |
| 10                     | AN227-14           | ..EYELET . . . . .   | 2                          |                              |                    |
| 11                     | AN4-10A            | .BOLT . . . . .  | 4                          |                              |                    |
| 12                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .   | 4                          |                              |                    |
| 12                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .  | 4                          |                              |                    |
| 13                     | 204-001-363-015    | .STICK ASSY (SEE FIG. 10 FOR BREAKDOWN) . . . . . (ALTERNATE PART)   | 1                          |                              |                    |
| 13                     | 204-001-363-029    | .STICK ASSY (SEE FIG. 10 FOR BREAKDOWN) . . . . .  | 1                          |                              |                    |
| 14                     | MS14144L4          | .NUT . . . . .   | 1                          |                              |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-7. Controls installation, fore, aft and lateral cyclic (Cont'd)</b>      |                            |                              |                    |
| 15                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .   | 2                          |                              |                    |
| 15                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .  | 2                          |                              |                    |
| 16                     | AN174-20           | .BOLT . . . . .  | 1                          |                              |                    |
| 17                     | 204-001-011-013    | .TUBE ASSY . . . . .   | 1                          |                              |                    |
| 18                     | 204-001-006-001    | ..CLEVIS ASSY . . . . .  | 2                          |                              |                    |
| 19                     | 22-006-15-23-16    | ...BUSHING . . . . .   | 2                          |                              |                    |
| 20                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .   | 1                          |                              |                    |
| 20                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .  | 1                          |                              |                    |
| 21                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .   | 1                          |                              |                    |
| 21                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .  | 1                          |                              |                    |
| 22                     | AN174-20           | .BOLT (S/N 30504 THRU 31311, 35001 THRU 35048) . . . .<br>(REPLACED BY 20-057-4-17D)   | 1                          |                              |                    |
| 22                     | 20-057-4-17D       | .BOLT (REPLACES AN174-20) . . . . .  | 1                          |                              |                    |
| 23                     | 204-001-016-013    | .TUBE ASSY . . . . .   | 1                          |                              |                    |
| 24                     | 204-001-006-001    | ..CLEVIS ASSY . . . . .  | 2                          |                              |                    |
| 25                     | 22-006-15-23-16    | ...BUSHING . . . . .   | 2                          |                              |                    |
| 26                     | MS14144L4          | .NUT . . . . .   | 1                          |                              |                    |
| 27                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .   | 2                          |                              |                    |
| 27                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .  | 2                          |                              |                    |
| 28                     | AN174-20           | .BOLT . . . . .  | 1                          |                              |                    |
| 29                     | MS14144L4          | .NUT . . . . .   | 1                          |                              |                    |
| 30                     | 204-001-047-001    | .LINK ASSY . . . . .   | 1                          |                              |                    |
| 31                     | 204-001-006-001    | ..CLEVIS ASSY . . . . .  | 1                          |                              |                    |
| 32                     | 22-006-15-23-16    | ...BUSHING . . . . .   | 2                          |                              |                    |
| 33                     | 204-001-045-005    | .FORCE GRADIENT ASSY (S/N 30504 THRU 31256) . . . . .<br>(REPLACED BY 204-001-045-101) | 1                          |                              |                    |
| 33                     | 204-001-045-101    | .FORCE GRADIENT ASSY (REPLACES 204-001-045-005) . . .                                  | 1                          |                              |                    |
| 34                     | 204-001-038-001    | ..CAP . . . . .  | 1                          |                              |                    |
| 35                     | 204-001-044-005    | ..SPRING ASSY (S/N 30504 THRU 31256) . . . . .   | 1                          |                              |                    |
| 35                     | 204-001-044-101    | ..SPRING ASSY (S/N 31257 THRU SUB) . . . . .   | 1                          |                              |                    |
| 36                     | 204-001-032-001    | ...SPRING . . . . .  | 1                          |                              |                    |
| 37                     | 204-001-036-001    | ...GUIDE ASSY (S/N 30504 THRU 31256) . . . . .   | 2                          |                              |                    |
| 37                     | 412-001-040-101    | ...GUIDE ASSY (S/N 31257 THRU SUB) . . . . .   | 2                          |                              |                    |
| 38                     | AN960JD1016        | ...WASHER (S/N 30504 THRU 31256) . . . . .   | 1                          |                              |                    |
| 38                     | AN960-716L         | ...WASHER (S/N 31257 THRU SUB) . . . . .   | 1                          |                              |                    |
| 38A                    | 140-009D44S74      | ...WASHER (S/N 31257 THRU SUB) . . . . .   | 2                          |                              |                    |
| 39                     | 204-001-048-003    | ...SHAFT . . . . .   | 1                          |                              |                    |
| 40                     | AN316-7R           | ...NUT . . . . .   | 3                          |                              |                    |
| 41                     | 204-001-042-001    | ..CYLINDER (S/N 30504 THRU 31256) (REPLACED BY . . . .<br>204-001-042-005)             | 1                          |                              |                    |
| 41                     | 204-001-042-005    | ..CYLINDER (S/N 31257 THRU SUB) (REPLACES . . . . .<br>204-001-042-001)                | 1                          |                              |                    |
| 42                     | AN206DSP4          | ...BEARING (REPLACED BY MS20206DSP4) . . . . .   | 1                          |                              |                    |
| 42                     | MS20206DSP4        | ...BEARING (REPLACES AN206DSP4) . . . . .  | 1                          |                              |                    |
| 43                     | 23S4-4A            | ...BUSHING (REPLACED BY 120-013-4A) . . . . .  | 1                          |                              |                    |
| 43                     | 120-013-4A         | ...SLEEVE (REPLACES 23S4-4A) . . . . .   | 1                          |                              |                    |
| 44                     | AN4-22A            | .BOLT (S/N 30504 THRU 30596, 30604 THRU 30610) . . . .                                 | 4                          |                              |                    |
| 44                     | AN4H22A            | .BOLT (S/N 30597 THRU 30603, 30611 THRU 30849) . . . .                                 | 4                          |                              |                    |
| 44                     | AN4H23A            | .BOLT (S/N 30850 THRU SUB) . . . . .   | 4                          |                              |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-7. Controls installation, fore, aft and lateral cyclic (Cont'd)</b>        |                            |                              |                    |
| 45                     | NAS1197-416        | .WASHER . . . . .  | 4                          |                              |                    |
| 46                     | 204-001-376-003    | .BRAKE ASSY . . . . .  | 1                          |                              |                    |
| 47                     | 212-001-195-001    | .PLATE ASSY (S/N 30850 THRU SUB) . . . . .   | 1                          |                              |                    |
| 48                     | MS24693S294        | .SCREW (S/N 30850 THRU SUB) (REPLACED BY . . . . .<br>MS24693-S294)                      | 4                          |                              |                    |
| 48                     | MS24693-S294       | .SCREW (S/N 30850 THRU SUB) (REPLACES . . . . .<br>MS24693S294)                          | 4                          |                              |                    |
| 49                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .   | 1                          |                              |                    |
| 49                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .  | 1                          |                              |                    |
| 50                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .   | 2                          |                              |                    |
| 50                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .  | 2                          |                              |                    |
| 51                     | AN174-53           | .BOLT . . . . .  | 1                          |                              |                    |
| 52                     | MS20201KP4A        | .BEARING (REPLACED BY MS27641-4) . . . . .   | 1                          |                              |                    |
| 52                     | MS27641-4          | .BEARING (REPLACES MS20201KP4A) . . . . .  | 1                          |                              |                    |
| 53                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .   | 1                          |                              |                    |
| 53                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .  | 1                          |                              |                    |
| 54                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .   | 2                          |                              |                    |
| 54                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .  | 2                          |                              |                    |
| 55                     | AN174-20           | .BOLT . . . . .  | 1                          |                              |                    |
| 56                     | 204-001-559-001    | .BELLCRANK ASSY (S/N 30504 THRU 30849) . . . . .   | 1                          |                              |                    |
| 56                     | 214-001-501-001    | .BELLCRANK ASSY (S/N 30850 THRU SUB) . . . . .   | 1                          |                              |                    |
| 57                     | 85B9-15-37-22      | ..BUSHING (S/N 30504 THRU 30849) (REPLACED BY . . . . .<br>22-009-15-37-22)              | 2                          |                              |                    |
| 57                     | 22-009-15-37-22    | ..BUSHING (S/N 30504 THRU 30849) (REPLACES . . . . .<br>85B9-15-37-22)                   | 2                          |                              |                    |
| 57                     | 22-009-15-37-22    | ..BUSHING (S/N 30850 THRU SUB) . . . . .   | 2                          |                              |                    |
| 58                     | AN206DSP4          | ..BEARING (S/N 30504 THRU 30849) (REPLACED BY . . . . .<br>MS20206DSP4 AND MS27643-4)    | 4                          |                              |                    |
| 58                     | MS20206DSP4        | ..BEARING (S/N 30850 THRU SUB) (REPLACES . . . . .<br>AN206DSP4) (REPLACED BY MS27643-4) | 4                          |                              |                    |
| 58                     | MS27643-4          | ..BEARING (REPLACES AN206DSP4 AND MS20206DSP4) . . . .                                   | 4                          |                              |                    |
| 59                     | 23S4-4A            | ..BUSHING (S/N 30504 THRU 30849) (REPLACED BY . . . . .<br>120-013-4A)                   | 4                          |                              |                    |
| 59                     | 120-013-4A         | ..SLEEVE (S/N 30504 THRU 30849) (REPLACES . . . . .<br>23S4-4A)                          | 4                          |                              |                    |
| 59                     | 120-013-4A         | ..SLEEVE (S/N 30850 THRU SUB) . . . . .  | 4                          |                              |                    |
| 60                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) . . . . .   | 4                          |                              |                    |
| 60                     | MS21042L4          | .NUT (REPLACES NAS679A4) . . . . .   | 4                          |                              |                    |
| 61                     | NAS1197-416        | .WASHER . . . . .  | 8                          |                              |                    |
| 62                     | AN4-12A            | .BOLT . . . . .  | 4                          |                              |                    |
| 63                     | 204-001-514-001    | .SUPPORT ASSY . . . . .  | 1                          |                              |                    |
| 64                     | 23S3-4S            | ..BUSHING (REPLACED BY 120-012-4S) . . . . .   | 1                          |                              |                    |
| 64                     | 120-012-4S         | ..SLEEVE (REPLACES 23S3-4S) . . . . .  | 1                          |                              |                    |
| 65                     | AN201KP4A          | ..BEARING (REPLACED BY MS27641-4) . . . . .  | 1                          |                              |                    |
| 65                     | MS27641-4          | ..BEARING (REPLACES AN201KP4A) . . . . .   | 1                          |                              |                    |
| 66                     | 23S3-4A            | ..BUSHING (REPLACED BY 120-012-4A) . . . . .   | 1                          |                              |                    |
| 66                     | 120-012-4A         | ..SLEEVE (REPLACES 23S3-4A) . . . . .  | 1                          |                              |                    |
| 67                     | MS17825-3          | .NUT (S/N 35049 THRU SUB) (REPLACED BY MS14144L3) . .                                    | 1                          |                              |                    |
| 67                     | MS14144L3          | .NUT (S/N 35049 THRU SUB) (REPLACES MS17825-3) . . . .                                   | 1                          |                              |                    |



| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-7. Controls installation, fore, aft and lateral cyclic (Cont'd)</b> |                            |                              |                    |
| 68                     | 50Z10-6.5-2        | .SPACER (S/N 35049 THRU SUB) . . . . .  | 1                          |                              |                    |
| 69                     | AN960PD10L         | .WASHER (S/N 35049 THRU SUB) (REPLACED BY . . . . .<br>AN960JD10L)                | 1                          |                              |                    |
| 69                     | AN960JD10L         | .WASHER (S/N 35049 THRU SUB) (REPLACES . . . . .<br>AN960PD10L)                   | 1                          |                              |                    |
| 70                     | 20-057-3-17D       | .BOLT (S/N 35049 THRU SUB) . . . . .  | 1                          |                              |                    |
| 71                     | NAS43DD3-32        | .SPACER (S/N 35049 THRU SUB) (REPLACED BY . . . . .<br>NAS43DD3-32N)              | 1                          |                              |                    |
| 71                     | NAS43DD3-32N       | .SPACER (S/N 35049 THRU SUB) (REPLACES . . . . .<br>NAS43DD3-32)                  | 1                          |                              |                    |
| 72                     | MS17825-3          | .NUT (S/N 35049 THRU SUB) (REPLACED BY MS14144L3) . .                             | 1                          |                              |                    |
| 72                     | MS14144L3          | .NUT (S/N 35049 THRU SUB) (REPLACES MS17825-3) . . . .                            | 1                          |                              |                    |
| 73                     | AN960PD10          | .WASHER (S/N 35049 THRU SUB) (REPLACED BY . . . . .<br>AN960JD10)                 | 2                          |                              |                    |
| 73                     | AN960JD10          | .WASHER (S/N 35049 THRU SUB) (REPLACES AN960PD10) . .                             | 2                          |                              |                    |
| 74                     | 20-057-3-16D       | .BOLT (S/N 35049 THRU SUB) . . . . .  | 1                          |                              |                    |
| 75                     | NAS43DD3-18        | .SPACER (S/N 35049 THRU SUB) . . . . .  | 2                          |                              |                    |
| 76                     | 412-074-101-103    | .TRANSDUCER (S/N 35049 THRU SUB) . . . . .  | 1                          |                              |                    |



212-67-1008  
C0000

Figure 67-8. Controls installation, fore, aft and lateral cyclic



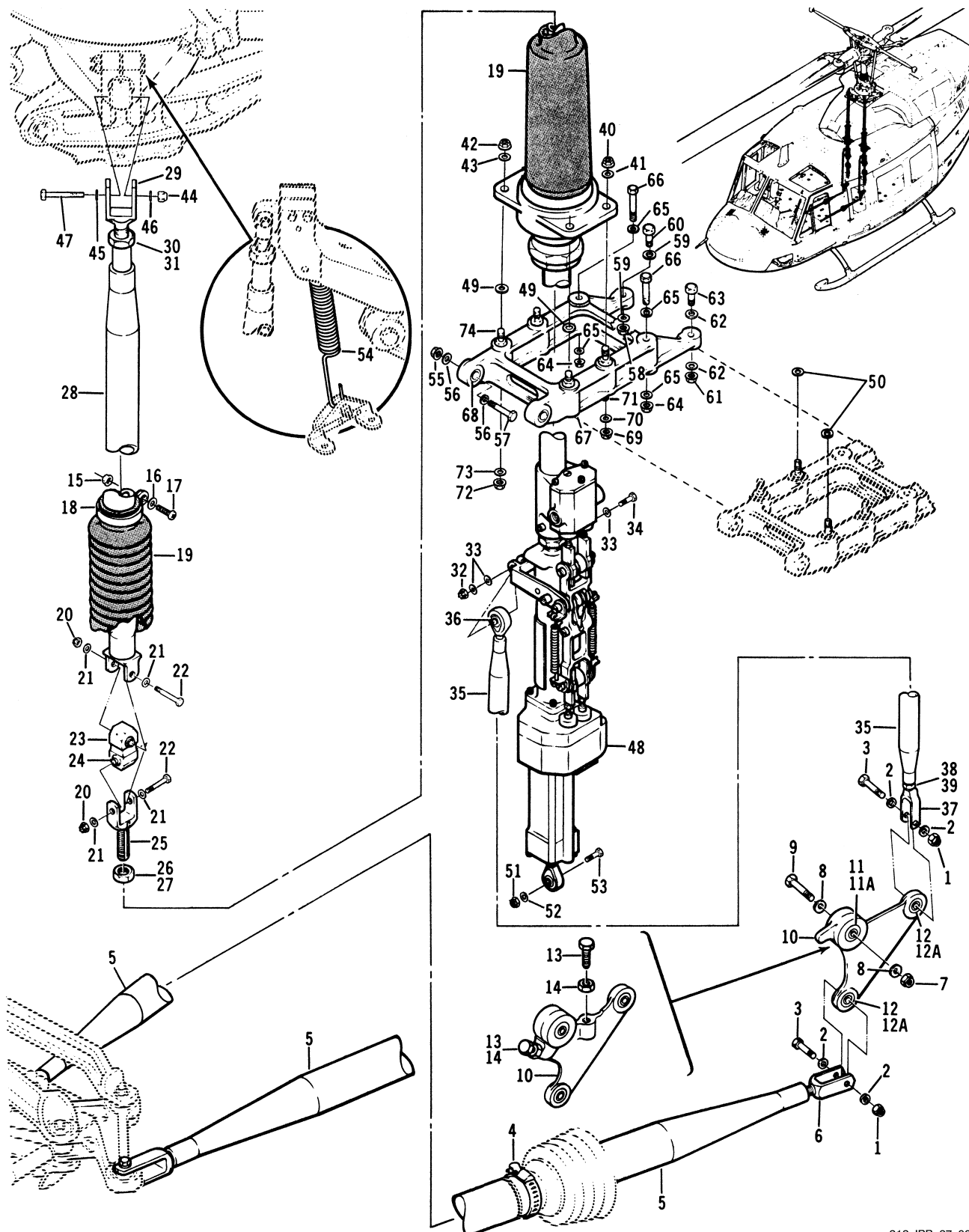
| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-8. Controls installation, fore, aft and lateral cyclic</b>   |                            |                              |                    |
|                        | 212-001-003-001    | CONTROLS INSTL, FORE, AFT AND LATERAL CYCLIC (S/N . . 30504 THRU 30596, 30604 THRU 30610) (SEE FIG. 7, 9 FOR BALANCE OF BREAKDOWN) | REF                        |                              |                    |
|                        | 212-001-003-007    | CONTROLS INSTL, FORE, AFT AND LATERAL CYCLIC (S/N . . 30597 THRU 30603, 30611 THRU 30764) (SEE FIG. 7, 9 FOR BALANCE OF BREAKDOWN) | REF                        |                              |                    |
|                        | 212-001-003-013    | CONTROLS INSTL, FORE, AFT AND LATERAL CYCLIC (S/N . . 30765 THRU 30795) (SEE FIG. 7, 9 FOR BALANCE OF BREAKDOWN)                   | REF                        |                              |                    |
|                        | 212-001-003-017    | CONTROLS INSTL, FORE, AFT AND LATERAL CYCLIC (S/N . . 30796 THRU 30849) (SEE FIG. 7, 9 FOR BALANCE OF BREAKDOWN)                   | REF                        |                              |                    |
|                        | 212-001-003-015    | CONTROLS INSTL, FORE, AFT AND LATERAL CYCLIC (S/N . . 30850 THRU 31256) (SEE FIG. 7, 9 FOR BALANCE OF BREAKDOWN)                   | REF                        |                              |                    |
|                        | 212-001-003-105    | CONTROLS INSTL, FORE, AFT AND LATERAL CYCLIC (S/N . . 31257 THRU 31311, 35001 THRU 35028) (SEE FIG. 7, 9 FOR BALANCE OF BREAKDOWN) | REF                        |                              |                    |
|                        | 212-001-003-107    | CONTROLS INSTL, FORE, AFT AND LATERAL CYCLIC (S/N . . 35029 THRU 35048) (SEE FIG. 7, 9 FOR BALANCE OF BREAKDOWN)                   | REF                        |                              |                    |
|                        | 212-001-003-109    | CONTROLS INSTL, FORE, AFT AND LATERAL CYCLIC (S/N . . 35049 THRU SUB) (SEE FIG. 7, 9 FOR BALANCE OF BREAKDOWN)                     | REF                        |                              |                    |
| 1                      | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .   | 1                          |                              |                    |
| 1                      | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .  | 1                          |                              |                    |
| 2                      | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .   | 2                          |                              |                    |
| 2                      | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .  | 2                          |                              |                    |
| 3                      | AN174-20           | .BOLT . . . . .  | 1                          |                              |                    |
| 4                      | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .   | 1                          |                              |                    |
| 4                      | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .  | 1                          |                              |                    |
| 5                      | AN960-416          | .WASHER (REPLACED BY AN960C416) . . . . .  | 2                          |                              |                    |
| 5                      | AN960C416          | .WASHER (REPLACES AN960-416) . . . . .   | 2                          |                              |                    |
| 6                      | AN174-26           | .BOLT . . . . .  | 1                          |                              |                    |
| 7                      | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .   | 2                          |                              |                    |
| 7                      | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .  | 2                          |                              |                    |
| 8                      | AN960C416          | .WASHER . . . . .  | 4                          |                              |                    |
| 9                      | AN174-14           | .BOLT . . . . .  | 2                          |                              |                    |
| 10                     | 204-001-027-005    | .TUBE ASSY . . . . .   | 1                          |                              |                    |
| 11                     | 204-001-006-001    | ..CLEVIS ASSY . . . . .  | 2                          |                              |                    |
| 12                     | 22-006-15-23-16    | ...BUSHING . . . . .   | 2                          |                              |                    |
| 13                     | 212-001-325-001    | .SPRING (S/N 30850 THRU SUB) . . . . .   | 1                          |                              |                    |
| 14                     | 212-001-326-001    | .PLATE ASSY (S/N 30850 THRU SUB) . . . . .   | 1                          |                              |                    |
| 15                     | NAS1090-1          | ..HOOK . . . . .   | 1                          |                              |                    |
| 16                     | AN174H14A          | .BOLT . . . . .  | 1                          |                              |                    |
| 17                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .   | 1                          |                              |                    |
| 17                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .  | 1                          |                              |                    |
| 18                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .   | 1                          |                              |                    |
| 18                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .  | 1                          |                              |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-8. Controls installation, fore, aft and lateral cyclic (Cont'd)</b> |                            |                              |                    |
| 19                     | 205-001-030-001    | .CLEVIS ASSY . . . . .  | 1                          |                              |                    |
| 20                     | 205-001-032-001    | ..CLEVIS ASSY . . . . .   | 1                          |                              |                    |
| 21                     | 22-006B15-23-16    | ...BUSHING . . . . .  | 1                          |                              |                    |
| 22                     | MS124656           | ...INSERT . . . . .   | 1                          |                              |                    |
| 23                     | 540-001-029-001    | .FORCE GRADIENT ASSY (REPLACED BY . . . . .<br>540-001-029-101)                   | 1                          |                              |                    |
| 23                     | 540-001-029-101    | .FORCE GRADIENT ASSY (REPLACES 540-001-029-001) . . .                             | 1                          |                              |                    |
| 24                     | 204-001-038-003    | ..CAP . . . . .   | 1                          |                              |                    |
| 25                     | 540-001-028-001    | ..SPRING ASSY (USBL ON 540-001-029-001) . . . . .                                 | 1                          |                              |                    |
| 25                     | 540-001-028-101    | ..SPRING ASSY (USBL ON 540-001-029-101) . . . . .                                 | 1                          |                              |                    |
| 26                     | 540-001-027-001    | ...SPRING . . . . .   | 1                          |                              |                    |
| 27                     | 204-001-036-001    | ...GUIDE ASSY (USBL ON 540-001-028-001) . . . . .                                 | 2                          |                              |                    |
| 27                     | 412-001-040-101    | ...GUIDE ASSY (USBL ON 540-001-028-101) . . . . .                                 | 1                          |                              |                    |
| 28                     | AN960-716L         | ...WASHER (USBL ON 540-001-028-101) . . . . .                                     | 1                          |                              |                    |
| 29                     | 204-001-048-003    | ...SHAFT . . . . .  | 1                          |                              |                    |
| 30                     | AN316-7R           | ...NUT . . . . .  | 3                          |                              |                    |
| 31                     | 204-001-042-001    | ..CYLINDER (REPLACED BY 204-001-042-005) . . . . .                                | 1                          |                              |                    |
| 31                     | 204-001-042-005    | ..CYLINDER (REPLACES 204-001-042-001) . . . . .                                   | 1                          |                              |                    |
| 32                     | 23S4-4A            | ...BUSHING (REPLACED BY 120-013-4A) . . . . .                                     | 1                          |                              |                    |
| 32                     | 120-013-4A         | ...SLEEVE (REPLACES 23S4-4A) . . . . .  | 1                          |                              |                    |
| 33                     | AN206DSP4          | ...BEARING (REPLACED BY MS20206DSP4) . . . . .                                    | 1                          |                              |                    |
| 33                     | MS20206DSP4        | ...BEARING (REPLACES AN206DSP4) . . . . .   | 1                          |                              |                    |
| 34                     | AN4-32A            | .BOLT (S/N 30504 THRU 30596, 30604 THRU 30610) . . . .                            | 4                          |                              |                    |
| 34                     | AN4H32A            | .BOLT (S/N 30597 THRU 30603, 30611 THRU 30849) . . . .                            | 4                          |                              |                    |
| 35                     | AN4H32A            | .BOLT (S/N 30850 THRU SUB) . . . . .  | 3                          |                              |                    |
| 36                     | 212-001-315-001    | .BOLT (S/N 30850 THRU SUB) . . . . .  | 1                          |                              |                    |
| 37                     | NAS1197-416        | .WASHER . . . . .   | 4                          |                              |                    |
| 38                     | 204-001-376-003    | .BRAKE ASSY . . . . .   | 1                          |                              |                    |
| 39                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .  | 1                          |                              |                    |
| 39                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .   | 1                          |                              |                    |
| 40                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .  | 2                          |                              |                    |
| 40                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .   | 2                          |                              |                    |
| 41                     | AN174-20           | .BOLT . . . . .   | 1                          |                              |                    |
| 42                     | 205-001-014-001    | .TUBE ASSY . . . . .  | 1                          |                              |                    |
| 43                     | 204-001-006-001    | ..CLEVIS ASSY . . . . .   | 1                          |                              |                    |
| 44                     | 22-006-15-23-16    | ...BUSHING . . . . .  | 2                          |                              |                    |
| 45                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) . . . . .  | 8                          |                              |                    |
| 45                     | MS21042L4          | .NUT (REPLACES NAS679A4) . . . . .  | 8                          |                              |                    |
| 46                     | NAS1197-416        | .WASHER . . . . .   | 16                         |                              |                    |
| 47                     | AN4-6A             | .BOLT . . . . .   | 8                          |                              |                    |
| 48                     | 204-001-330-005    | .SUPPORT ASSY . . . . .   | 2                          |                              |                    |
| 49                     | RR262              | ..RETAINER (REPLACED BY M27426-3163D) . . . . .                                   | 1                          |                              |                    |
| 49                     | M27426-3163D       | ..RETAINER (REPLACES RR262) . . . . .   | 1                          |                              |                    |
| 50                     | B545ZZ             | ..BEARING (REPLACED BY MS27646-45) . . . . .                                      | 1                          |                              |                    |
| 50                     | MS27646-45         | ..BEARING (REPLACES B545ZZ) . . . . .   | 1                          |                              |                    |
| 50                     | B545DD             | ..BEARING (REPLACED BY MS27646-45) . . . . .                                      | 1                          |                              |                    |
| 50                     | MS27646-45         | ..BEARING (REPLACES B545DD) . . . . .   | 1                          |                              |                    |
| 51                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) . . . . .  | 4                          |                              |                    |
| 51                     | MS21042L4          | .NUT (REPLACES NAS679A4) . . . . .  | 4                          |                              |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-8. Controls installation, fore, aft and lateral cyclic (Cont'd)</b> |                            |                              |                    |
| 52                     | AN960-416          | .WASHER (REPLACED BY AN960C416) . . . . .   | 4                          |                              |                    |
| 52                     | AN960C416          | .WASHER (REPLACES AN960-416) . . . . .  | 4                          |                              |                    |
| 53                     | AN4-21A            | .BOLT . . . . .   | 4                          |                              |                    |
| 54                     | 20-037-4-5         | .BUSHING . . . . .  | 8                          |                              |                    |
| 55                     | 204-001-358-001    | .ARM ASSY (S/N 30504 THRU 30849) . . . . .  | 1                          |                              |                    |
| 55                     | 212-001-321-001    | .ARM ASSY (S/N 30850 THRU SUB) . . . . .  | 1                          |                              |                    |
| 56                     | 23S4-4A            | ..BUSHING (REPLACED BY 120-013-4A) . . . . .                                      | 1                          |                              |                    |
| 56                     | 120-013-4A         | ..SLEEVE (REPLACES 23S4-4A) . . . . .   | 1                          |                              |                    |
| 57                     | 204-001-326-009    | .TUBE AND LEVER ASSY (S/N 30504 THRU 30849) . . . . .                             | 1                          |                              |                    |
| 57                     | 204-001-326-015    | .TUBE AND LEVER ASSY (S/N 30850 THRU SUB) . . . . .                               | 1                          |                              |                    |
| 58                     | NAS679A4           | ..NUT (REPLACED BY MS21042L4) . . . . .   | 2                          |                              |                    |
| 58                     | MS21042L4          | ..NUT (REPLACES NAS679A4) . . . . .   | 2                          |                              |                    |
| 59                     | AN960-416L         | ..WASHER . . . . .  | 2                          |                              |                    |
| 60                     | AN4-21A            | ..BOLT . . . . .  | 2                          |                              |                    |
| 61                     | 79B1-4-5           | ..BUSHING (REPLACED BY 20-037-4-5) . . . . .                                      | 4                          |                              |                    |
| 61                     | 20-037-4-5         | ..BUSHING (REPLACES 79B1-4-5) . . . . .   | 4                          |                              |                    |
| 62                     | 204-001-332-001    | ..LEVER ASSY (S/N 30504 THRU 30849) . . . . .                                     | 1                          |                              |                    |
| 62                     | 204-001-332-005    | ..LEVER ASSY (S/N 30850 THRU SUB) . . . . .                                       | 1                          |                              |                    |
| 63                     | AN206DSP4          | ...BEARING (REPLACED BY MS20206DSP4) . . . . .                                    | 1                          |                              |                    |
| 63                     | MS20206DSP4        | ...BEARING (REPLACES AN206DSP4) . . . . .   | 1                          |                              |                    |
| 64                     | 120-013-4A         | ...SLEEVE . . . . .   | 1                          |                              |                    |
| 65                     | MS21209F1-15       | ...INSERT (S/N 30850 THRU SUB) . . . . .  | 1                          |                              |                    |
| 66                     | 204-001-326-011    | ..TUBE ASSY . . . . .   | 1                          |                              |                    |
| 67                     | 204-001-359-001    | .TUBE AND LEVER ASSY . . . . .  | 1                          |                              |                    |
| 68                     | NAS679A4           | ..NUT (REPLACED BY MS21042L4) . . . . .   | 2                          |                              |                    |
| 68                     | MS21042L4          | ..NUT (REPLACES NAS679A4) . . . . .   | 2                          |                              |                    |
| 69                     | AN960-416L         | ..WASHER . . . . .  | 2                          |                              |                    |
| 70                     | AN4-21A            | ..BOLT . . . . .  | 2                          |                              |                    |
| 71                     | 79B1-4-5           | ..BUSHING (REPLACED BY 20-037-4-5) . . . . .                                      | 4                          |                              |                    |
| 71                     | 20-037-4-5         | ..BUSHING (REPLACES 79B1-4-5) . . . . .   | 4                          |                              |                    |
| 72                     | 204-001-356-001    | ..ARM ASSY . . . . .  | 1                          |                              |                    |
| 73                     | MS20206DSP4        | ...BEARING (REPLACED BY MS27643-4) . . . . .                                      | 2                          |                              |                    |
| 73                     | MS27643-4          | ...BEARING (REPLACES MS20206DSP4) . . . . .                                       | 2                          |                              |                    |
| 74                     | 23S4-4A            | ...BUSHING (REPLACED BY 120-013-4A) . . . . .                                     | 2                          |                              |                    |
| 74                     | 120-013-4A         | ...SLEEVE (REPLACES 23S4-4A) . . . . .  | 2                          |                              |                    |
| 75                     | 204-001-326-011    | ..TUBE ASSY . . . . .   | 1                          |                              |                    |
| 76                     | AN4-12A            | .BOLT . . . . .   | 4                          |                              |                    |
| 77                     | NAS1197-416        | .WASHER . . . . .   | 4                          |                              |                    |
| 78                     | 205-001-301-001    | .LEVER ASSY (S/N 30504 THRU 30849) (SEE FIG. 11 FOR<br>BREAKDOWN)                 | 1                          |                              |                    |
| 78                     | 212-001-320-001    | .LEVER ASSY (S/N 30850 THRU SUB) (SEE FIG. 11 FOR . . .<br>BREAKDOWN)             | 1                          |                              |                    |
| 79                     | MS17825-3          | .NUT (S/N 35049 THRU SUB) (REPLACED BY MS14144L3) . .                             | 1                          |                              |                    |
| 79                     | MS14144L3          | .NUT (S/N 35049 THRU SUB) (REPLACES MS17825-3) . . . .                            | 1                          |                              |                    |
| 80                     | AN960PD10          | .WASHER (S/N 35049 THRU SUB) (REPLACED BY . . . . .<br>AN960JD10)                 | 2                          |                              |                    |
| 80                     | AN960JD10          | .WASHER (S/N 35049 THRU SUB) (REPLACES AN960PD10) . .                             | 2                          |                              |                    |
| 81                     | 20-057-3-25D       | .BOLT (S/N 35049 THRU SUB) . . . . .  | 1                          |                              |                    |
| 82                     | NAS43DD3-36        | .SPACER (S/N 35049 THRU SUB) . . . . .  | 1                          |                              |                    |



| (1)             | (2)             | (3)   | (4)                 | (5)                   | (6)         |
|-----------------|-----------------|---|---------------------|-----------------------|-------------|
| INDEX<br>NUMBER | PART NUMBER     | ITEM NAME   | UNIT<br>PER<br>ASSY | A<br>V<br>A<br>I<br>L | U<br>O<br>C |
|                 |                 | <b>FIGURE: 67-8. Controls Installation, fore, aft and lateral cyclic (Cont'd)</b> |                     |                       |             |
| 83              | NAS43DD3-31     | .SPACER (S/N 35049 THRU SUB) . . . . .  | 1                   |                       |             |
| 84              | 20-057-3-12H    | .BOLT (S/N 35049 THRU SUB) . . . . .  | 1                   |                       |             |
| 85              | 50Z10-6.5-2     | .SPACER (S/N 35049 THRU SUB) . . . . .  | 1                   |                       |             |
| 86              | NAS43DD3-25     | .SPACER (S/N 35049 THRU SUB) . . . . .  | 1                   |                       |             |
| 87              | 412-074-101-103 | .TRANSDUCER (S/N 35049 THRU SUB) . . . . .  | 1                   |                       |             |



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Figure 67-9. Controls Installation, Fore, Aft and Lateral Cyclic

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-9. Controls Installation, Fore, Aft and Lateral Cyclic</b>   |                            |                              |                    |
|                        | 212-001-003-001    | CONTROLS INSTL, FORE, AFT AND LATERAL CYCLIC<br>(S/N 30504 THRU 30596, 30604 THRU 30610)<br>(SEE FIG. 7, 8 FOR BALANCE OF BREAKDOWN)..... | REF                        | NP                           |                    |
|                        | 212-001-003-007    | CONTROLS INSTL, FORE, AFT AND LATERAL CYCLIC<br>(S/N 30597 THRU 30603, 30611 THRU 30764)<br>(SEE FIG. 7, 8 FOR BALANCE OF BREAKDOWN)..... | REF                        | NP                           |                    |
|                        | 212-001-003-013    | CONTROLS INSTL, FORE, AFT AND LATERAL CYCLIC<br>(S/N 30765 THRU 30795) (SEE FIG. 7, 8 FOR<br>BALANCE OF BREAKDOWN).....                   | REF                        | NP                           |                    |
|                        | 212-001-003-017    | CONTROLS INSTL, FORE, AFT AND LATERAL CYCLIC<br>(S/N 30796 THRU 30849) (SEE FIG. 7, 8 FOR<br>BALANCE OF BREAKDOWN).....                   | REF                        | NP                           |                    |
|                        | 212-001-003-015    | CONTROLS INSTL, FORE, AFT AND LATERAL CYCLIC<br>(S/N 30850 THRU 31256) (SEE FIG. 7, 8 FOR<br>BALANCE OF BREAKDOWN).....                   | REF                        | NP                           |                    |
|                        | 212-001-003-105    | CONTROLS INSTL, FORE, AFT AND LATERAL CYCLIC<br>(S/N 31257 THRU 31311, 35001 THRU 35028)<br>(SEE FIG. 7, 8 FOR BALANCE OF BREAKDOWN)..... | REF                        | NP                           |                    |
|                        | 212-001-003-107    | CONTROLS INSTL, FORE, AFT AND LATERAL CYCLIC<br>(S/N 35029 THRU 35048) (SEE FIG. 7, 8 FOR<br>BALANCE OF BREAKDOWN).....                   | REF                        | NP                           |                    |
|                        | 212-001-003-109    | CONTROLS INSTL, FORE, AFT AND LATERAL CYCLIC<br>(S/N 35049 THRU SUB) (SEE FIG. 7, 8 FOR<br>BALANCE OF BREAKDOWN).....                     | REF                        | NP                           |                    |
| 1                      | MS17825-4          | .NUT (REPLACED BY MS14144L4) .....  | 4                          | NP                           |                    |
| 1                      | MS14144L4          | .NUT (REPLACES MS17825-4) .....   | 4                          | SP                           |                    |
| 2                      | AN960C416          | .WASHER, FLAT (REPLACED BY NAS1149C0463R) .....   | 8                          | P                            |                    |
| 2                      | NAS1149C0463R      | .WASHER (REPLACES AN960C416) .....  | 8                          | SP                           |                    |
| 3                      | AN174-14           | .BOLT .....   | 4                          | SP                           |                    |
| 4                      | AN737TW44          | .CLAMP .....  | 2                          | SP                           |                    |
| 5                      | 212-001-054-005    | .TUBE ASSY .....  | 2                          | SP                           |                    |
| 6                      | 212-001-059-003    | ..CLEVIS .....  | 2                          | NP                           |                    |
|                        |                    | (ALTERNATE PART)  |                            |                              |                    |
| 6                      | 212-001-059-105    | ..CLEVIS .....  | 2                          | SP                           |                    |
| 7                      | MS17825-5          | .NUT (REPLACED BY MS14144L5) .....  | 2                          | NP                           |                    |
| 7                      | MS14144L5          | .NUT (REPLACES MS17825-5) .....   | 2                          | SP                           |                    |
| 8                      | AN960JD516         | .WASHER, FLAT (REPLACED BY NAS1149D0563J) .....   | 6                          | P                            |                    |
| 8                      | NAS1149D0563J      | .WASHER (REPLACES AN960JD516) .....   | 6                          | SP                           |                    |
| 9                      | 205-001-310-001    | .BOLT .....   | 2                          | SP                           |                    |
| 10                     | 212-001-312-001    | .BELLCRANK ASSY (S/N 30504 THRU 30849) .....  | 2                          | SP                           |                    |
| 10                     | 212-001-317-001    | .BELLCRANK ASSY (S/N 30850 THRU SUB) .....  | 2                          | SP                           |                    |
| 11                     | DW5                | ..BEARING (S/N 30504 THRU 30849)<br>(REPLACED BY MS27647-5) .....   | 1                          | NP                           |                    |
| 11                     | MS27647-5          | ..BEARING (S/N 30504 THRU 30849)<br>(REPLACES DW5) .....  | 1                          | SP                           |                    |
| 11A                    | 120-015-5A         | ..SLEEVE .....  | 2                          | SP                           |                    |
| 12                     | MS20206DSP4        | ..BEARING (REPLACED BY MS27643-4) .....   | 2                          | NP                           |                    |
| 12                     | MS27643-4          | ..BEARING (REPLACES MS20206DSP4) .....  | 2                          | SP                           |                    |
| 12A                    | 120-013-4A         | ..SLEEVE .....  | 1                          | SP                           |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-9. Controls Installation, Fore, Aft<br/>and Lateral Cyclic (Cont'd)</b>   |                            |                              |                    |
| 13                     | NAS428-4-10        | .BOLT (S/N 30850 THRU SUB) .....   | 4                          | SP                           |                    |
| 14                     | AN316-4            | .NUT (S/N 30850 THRU SUB)<br>(REPLACED BY AN316-4R) .....  | 4                          | NP                           |                    |
| 14                     | AN316-4R           | .NUT (S/N 30850 THRU SUB)<br>(REPLACES AN316-4) .....  | 4                          | SP                           |                    |
| 15                     | MS21042L3          | .NUT, SELF-LOCKING .....   | 2                          | SP                           |                    |
| 16                     | AN960PD10L         | .WASHER (REPLACED BY NAS1149D0332J)<br>(REPLACED BY AN960JD10L) .....  | 4                          | P                            |                    |
| 16                     | AN960JD10L         | .WASHER, FLAT (REPLACED BY NAS1149D0332J)<br>(REPLACES AN960PD10L)<br>(REPLACED BY NAS1149D0332J) .....  | 4                          | P                            |                    |
| 16                     | NAS1149D0332J      | .WASHER, FLAT (REPLACED BY NAS1149D0332J)<br>(REPLACES AN960JD10L) .....   | 4                          | SP                           |                    |
| 16                     | NAS1149D0332J      | .WASHER, FLAT (REPLACES AN960PD10L<br>AND AN960JD10L) .....  | 4                          | SP                           |                    |
| 17                     | MS27039-1-08       | .SCREW .....   | 2                          | SP                           |                    |
| 18                     | AN735D27           | .CLAMP .....   | 2                          | SP                           |                    |
| 19                     | 205-076-192-003    | .BOOT .....  | 2                          | SP                           |                    |
| 20                     | MS17825-5          | .NUT (REPLACED BY MS14144L5) .....   | 4                          | NP                           |                    |
| 20                     | MS14144L5          | .NUT (REPLACES MS17825-5) .....  | 4                          | SP                           |                    |
| 21                     | AN960C516          | .WASHER (REPLACED BY NAS1149C0563R) .....  | 8                          | P                            |                    |
| 21                     | NAS1149C0563R      | .WASHER (REPLACES AN960C516) .....   | 8                          | SP                           |                    |
| 22                     | NAS1305-24D        | .BOLT (REPLACED BY 20-057-5-24D) .....   | 4                          | P                            |                    |
| 22                     | 20-057-5-24D       | .BOLT (REPLACES NAS1305-24D) .....   | 4                          | SP                           |                    |
| 23                     | 205-076-175-005    | .UNIVERSAL ASSY (S/N 30504 THRU 30795)<br>(REPLACED BY 205-076-381-001, -005,<br>AND 412-076-620-101) .....  | 2                          | P                            |                    |
| 23                     | 205-076-381-001    | .UNIVERSAL ASSY (REPLACES 205-076-175-005)<br>(REPLACED BY 205-076-381-005<br>AND 412-076-620-101) .....   | 2                          | NP                           |                    |
| 23                     | 205-076-381-005    | .UNIVERSAL ASSY (S/N 30597 THRU 30603, 30611<br>THRU 31256) (REPLACES 205-076-175-005<br>AND 205-076-381-001) (REPLACED BY<br>412-076-620-101) ..... | 2                          | NP                           |                    |
| 23                     | 412-076-620-101    | .UNIVERSAL ASSY (REPLACES 205-076-175-005,<br>205-076-381-001 AND 205-076-381-005) .....   | 2                          | SP                           |                    |
| 24                     | RDW5T3             | ..BEARING (USBL ON 205-076-175-005) .....  | 2                          |                              |                    |
| 24                     | RDW5T3V            | ..BEARING (USBL ON 205-076-381-001)<br>(REPLACED BY RDW5T3V-1) .....   | 2                          | NP                           |                    |
| 24                     | RDW5T3V-1          | ..BEARING (USBL ON 205-076-381-001)<br>(REPLACES RDW5T3V) .....  | 2                          | SP                           |                    |
| 24                     | RDW5T3V1           | ..BEARING (USBL ON 205-076-381-005) .....  | 2                          |                              |                    |
| 24                     | MS27647-5          | ..BEARING (USBL ON 412-076-620-101) .....  | 2                          | SP                           |                    |
| 25                     | 212-076-147-001    | ..CLEVIS .....   | 2                          | SP                           |                    |
| 26                     | 205-076-177-001    | .NUT .....   | 2                          | SP                           |                    |
| 27                     | NAS559-4           | .ROD END LOCK .....  | 2                          | SP                           |                    |
| 28                     | 212-076-151-001    | .TUBE ASSY (REPLACED BY 212-076-151-007) .....   | 2                          | NP                           |                    |
| 28                     | 212-076-151-007    | .TUBE ASSY (REPLACES 212-076-151-001) .....  | 2                          | SP                           |                    |
| 29                     | 212-076-148-001    | ..CLEVIS .....   | 1                          | SP                           |                    |



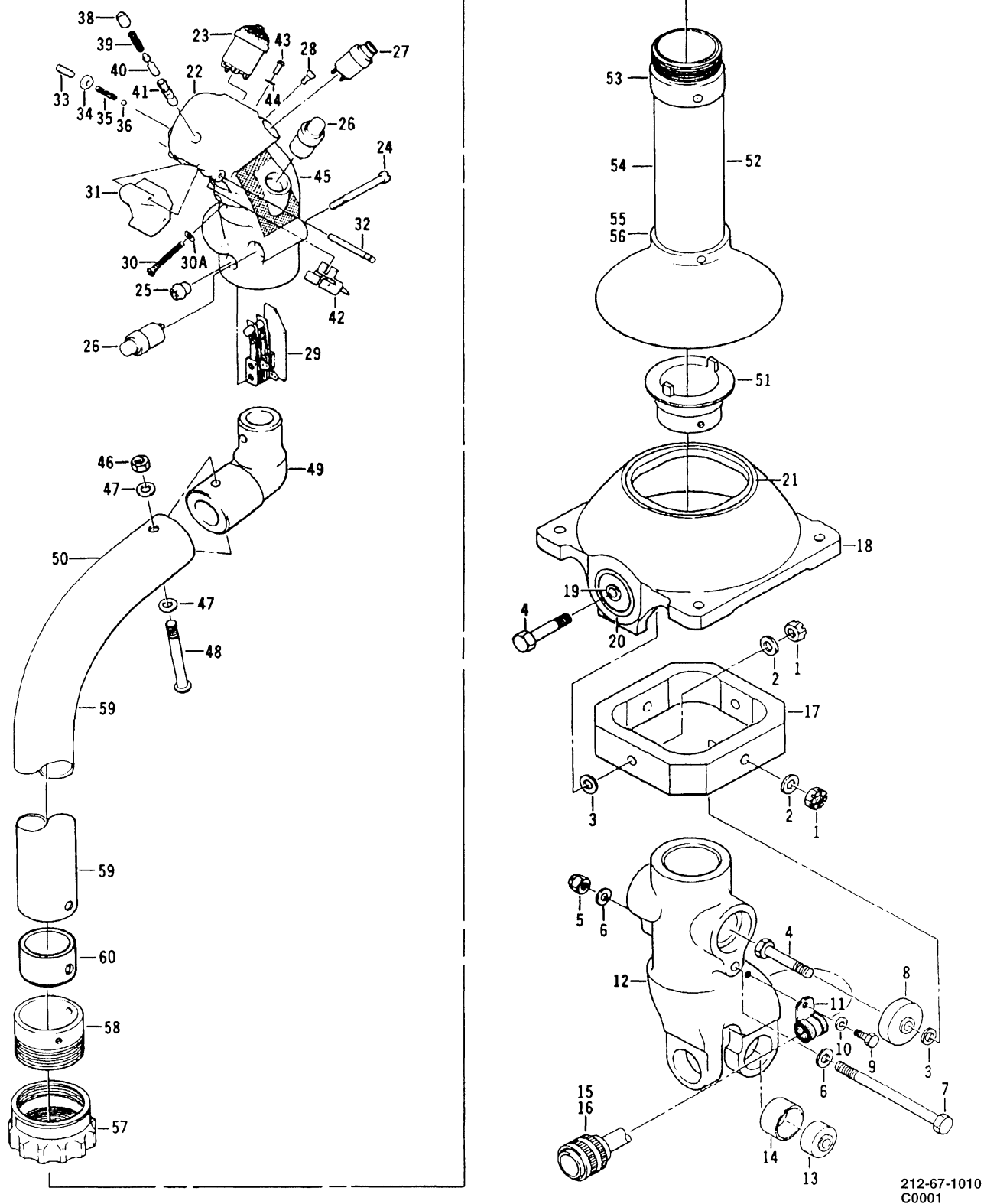
| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-9. Controls Installation, Fore, Aft<br/>and Lateral Cyclic (Cont'd)</b>                     |                            |                              |                    |
| 30                     | NAS509-14          | ..NUT .....  | 1                          | SP                           |                    |
| 31                     | NAS559-6           | ..LOCK, ROD END .....  | 1                          | SP                           |                    |
| 32                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) .....   | 2                          | NP                           |                    |
| 32                     | MS14144L4          | .NUT (REPLACES MS17825-4) .....  | 2                          | SP                           |                    |
| 33                     | AN960-416          | .WASHER (REPLACED BY NAS1149F0463P) .....  | 6                          | NP                           |                    |
| 33                     | NAS1149F0463P      | .WASHER (REPLACES AN960-416) .....   | 6                          | SP                           |                    |
| 34                     | AN174-13           | .BOLT .....  | 2                          | SP                           |                    |
| 35                     | 212-001-051-001    | .TUBE ASSY (S/N 30504 THRU 30849)<br>(REPLACED BY 212-001-322-001) .....                                 | 2                          | NP                           |                    |
| 35                     | 212-001-322-001    | .TUBE ASSY (REPLACES 212-001-051-001) .....  | 2                          | SP                           |                    |
|                        | 212-001-051-005    | ..TUBE ASSY (S/N 30504 THRU 30849) .....   | 1                          |                              |                    |
|                        | 212-001-322-003    | ..TUBE ASSY (USBL ON 212-001-322-001) .....  | 1                          |                              |                    |
| 36                     | 205-001-047-001    | ..BEARING .....  | 1                          | SP                           |                    |
| 37                     | 212-001-059-001    | ..CLEVIS .....   | 1                          | SP                           |                    |
|                        |                    | (ALTERNATE PART)   |                            |                              |                    |
| 37                     | 212-001-059-103    | ..CLEVIS .....   | 1                          | P                            |                    |
| 38                     | AN316-6R           | ..NUT .....  | 1                          | SP                           |                    |
| 39                     | AN960PD616         | ..WASHER (REPLACED BY NAS1149D0663J)<br>(REPLACED BY AN960JD616) .....                                   | 1                          | NP                           |                    |
| 39                     | AN960JD616         | ..WASHER, FLAT (REPLACED BY NAS1149D0663J)<br>(REPLACES AN960PD616)<br>(REPLACED BY NAS1149D0663J) ..... | 1                          | P                            |                    |
| 39                     | NAS1149D0663J      | ..WASHER (REPLACED BY NAS1149D0663J)<br>(REPLACES AN960JD616) .....                                      | 1                          | SP                           |                    |
| 39                     | NAS1149D0663J      | ..WASHER (REPLACES AN960PD616<br>AND AN960JD616) .....   | 1                          | SP                           |                    |
| 40                     | NAS679A5           | .NUT (REPLACED BY MS21042L5) .....   | 2                          | P                            |                    |
| 40                     | MS21042L5          | .NUT, SELF-LOCKING (REPLACES NAS679A5) .....   | 2                          | SP                           |                    |
| 41                     | AN960PD516         | .WASHER (REPLACED BY NAS1149D0563J)<br>(REPLACED BY AN960JD516) .....                                    | 2                          | P                            |                    |
| 41                     | AN960JD516         | .WASHER, FLAT (REPLACED BY NAS1149D0563J)<br>(REPLACES AN960PD516)<br>(REPLACED BY NAS1149D0563J) .....  | 2                          | P                            |                    |
| 41                     | NAS1149D0563J      | .WASHER (REPLACED BY NAS1149D0563J)<br>(REPLACES AN960JD516) .....                                       | 2                          | SP                           |                    |
| 41                     | NAS1149D0563J      | .WASHER (REPLACES AN960PD516<br>AND AN960JD516) .....  | 2                          | SP                           |                    |
| 42                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) .....   | 6                          | P                            |                    |
| 42                     | MS21042L4          | .NUT (REPLACES NAS679A4) .....   | 6                          | SP                           |                    |
| 43                     | AN960PD416         | .WASHER (REPLACED BY NAS1149D0463J)<br>(REPLACED BY AN960JD416) .....                                    | 6                          | NP                           |                    |
| 43                     | AN960JD416         | .WASHER, FLAT (REPLACED BY NAS1149D0463J)<br>(REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) .....  | 6                          | P                            |                    |
| 43                     | NAS1149D0463J      | .WASHER (REPLACED BY NAS1149D0463J)<br>(REPLACES AN960JD416) .....                                       | 6                          | SP                           |                    |
| 43                     | NAS1149D0463J      | .WASHER (REPLACES AN960PD416<br>AND AN960JD416) .....  | 6                          | SP                           |                    |
| 44                     | MS17825-5          | .NUT (REPLACED BY MS14144L5) .....   | 2                          | NP                           |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-9. Controls Installation, Fore, Aft<br/>and Lateral Cyclic (Cont'd)</b>  |                            |                              |                    |
| 44                     | MS14144L5          | .NUT (REPLACES MS17825-5) .....   | 2                          | SP                           |                    |
| 45                     | AN960C516          | .WASHER (REPLACED BY NAS1149C0563R) .....   | 2                          | P                            |                    |
| 45                     | NAS1149C0563R      | .WASHER (REPLACES AN960C516) .....  | 2                          | SP                           |                    |
| 46                     | AN960C516L         | .WASHER (REPLACED BY NAS1149C0532R) .....   | 2                          | P                            |                    |
| 46                     | NAS1149C0532R      | .WASHER (REPLACES AN960C516L) .....   | 2                          | SP                           |                    |
| 47                     | NAS1305-24D        | .BOLT (REPLACED BY 20-057-5-24D) .....  | 2                          | P                            |                    |
| 47                     | 20-057-5-24D       | .BOLT (REPLACES NAS1305-24D) .....  | 2                          | SP                           |                    |
| 48                     | 212-076-005-007    | .CYLINDER ASSY (S/N 30504 THRU 30849)<br>(SEE FIG. 12 FOR BREAKDOWN)<br>(REPLACED BY 212-076-005-011, -009, -101,<br>-103, -105 AND -111) .....   | 2                          | NP                           |                    |
| 48                     | 212-076-005-009    | .CYLINDER ASSY (SEE FIG. 12 FOR BREAKDOWN)<br>(REPLACES 212-076-005-007)<br>(REPLACED BY 212-076-005-011, -101,<br>-103, -105 AND -111) .....   | 2                          | NP                           |                    |
| 48                     | 212-076-005-011    | .CYLINDER ASSY (S/N 30504 THRU 31133)<br>(SEE FIG. 12 FOR BREAKDOWN) (REPLACES<br>212-076-005-007 AND -009) (REPLACED BY<br>212-076-005-009, -101, -103, -105<br>AND -111) .....          | 2                          | NP                           |                    |
| 48                     | 212-076-005-101    | .CYLINDER ASSY (S/N 30504 THRU 31311)<br>(SEE FIG. 12 FOR BREAKDOWN) (REPLACES<br>212-076-005-007, -009 AND -011) (REPLACED<br>BY 212-076-005-103, -105 AND -111) .....                   | 2                          | NP                           |                    |
| 48                     | 212-076-005-103    | .CYLINDER ASSY (S/N 30504 THRU 31311, 35001<br>THRU 35028) (SEE FIG. 12 FOR BREAKDOWN)<br>(REPLACES 212-076-005-007, -009, -011 AND -101)<br>(REPLACED BY 212-076-005-105 AND -111) ..... | 2                          | NP                           |                    |
| 48                     | 212-076-005-105    | .CYLINDER ASSY (SEE FIG. 12 FOR BREAKDOWN)<br>(REPLACES 212-076-005-007, -009, -011, -101<br>AND -103) (REPLACED BY 212-076-005-111) .....  | 2                          | SP                           |                    |
| 48                     | 212-076-005-111    | .CYLINDER ASSY (SEE FIG. 12 FOR BREAKDOWN)<br>(REPLACES 212-076-005-007, -009, -011, -101,<br>-103 AND -105) .....  | 2                          | SP                           |                    |
| 49                     | AN960C416L         | .WASHER (NOTE 1)<br>(REPLACED BY NAS1149C0432R) .....   | 2                          | NP                           |                    |
| 49                     | NAS1149C0432R      | .WASHER (NOTE 1) (REPLACES AN960C416L) .....  | 2                          | SP                           |                    |
| 50                     | AN960C416L         | .WASHER (NOTE 1)<br>(REPLACED BY NAS1149C0432R) .....   | 2                          | NP                           |                    |
| 50                     | NAS1149C0432R      | .WASHER (NOTE 1) (REPLACES AN960C416L) .....  | 2                          | SP                           |                    |
| 51                     | MS17825-6          | .NUT (REPLACED BY MS14144L6) .....  | 2                          | NP                           |                    |
| 51                     | MS14144L6          | .NUT (REPLACES MS17825-6) .....   | 2                          | SP                           |                    |
| 52                     | AN960PD616         | .WASHER (REPLACED BY NAS1149D0663J)<br>(REPLACED BY AN960JD616) .....   | 2                          | NP                           |                    |
| 52                     | AN960JD616         | .WASHER, FLAT (REPLACED BY NAS1149D0663J)<br>(REPLACES AN960PD616) (REPLACED BY<br>NAS1149D0663J) .....   | 2                          | P                            |                    |
| 52                     | NAS1149D0663J      | .WASHER (REPLACED BY NAS1149D0663J)<br>(REPLACES AN960JD616) .....  | 2                          | SP                           |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-9. Controls Installation, Fore, Aft and Lateral Cyclic (Cont'd)</b>                              |                            |                              |                    |
| 52                     | NAS1149D0663J      | .WASHER (REPLACES AN960PD616 AND AN960JD616) .....  | 2                          | SP                           |                    |
| 53                     | 212-001-304-001    | .BOLT (S/N 30504 THRU 30596, 30604 THRU 30610) (REPLACED BY 212-001-304-003 AND 212-001-323-001) .....        | 2                          | NP                           |                    |
| 53                     | 212-001-304-003    | .BOLT (S/N 30504 THRU 30603, 30604 THRU 30764) (REPLACES 212-001-304-001) (REPLACED BY 212-001-323-001) ..... | 2                          | NP                           |                    |
| 53                     | 212-001-323-001    | .BOLT (REPLACES 212-001-304-001 AND -003) .....   | 2                          | SP                           |                    |
| 54                     | 205-001-306-001    | .SPRING .....   | 1                          | SP                           |                    |
| 55                     | MS21042L4          | .NUT .....  | 2                          | SP                           |                    |
| 56                     | AN960JD416         | .WASHER, FLAT (REPLACED BY NAS1149D0463J) .....   | 4                          | P                            |                    |
| 56                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) .....   | 4                          | SP                           |                    |
| 57                     | NAS1304-21         | .BOLT (REPLACED BY 20-057-4-21) .....   | 2                          | P                            |                    |
| 57                     | 20-057-4-21        | .BOLT (REPLACES NAS1304-21) .....   | 2                          | SP                           |                    |
| 58                     | MS21042L4          | .NUT .....  | 1                          | SP                           |                    |
| 59                     | AN960JD416         | .WASHER, FLAT (REPLACED BY NAS1149D0463J) .....   | 2                          | P                            |                    |
| 59                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) .....   | 2                          | SP                           |                    |
| 60                     | AN4-12A            | .BOLT .....   | 1                          | SP                           |                    |
| 61                     | MS21042L4          | .NUT .....  | 1                          | SP                           |                    |
| 62                     | AN960JD416         | .WASHER, FLAT (REPLACED BY NAS1149D0463J) .....   | 2                          | P                            |                    |
| 62                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) .....   | 2                          | SP                           |                    |
| 63                     | AN4-11A            | .BOLT .....   | 1                          | SP                           |                    |
| 64                     | MS21042L4          | .NUT .....  | 2                          | SP                           |                    |
| 65                     | AN960JD416         | .WASHER, FLAT (REPLACED BY NAS1149D0463J) .....   | 4                          | P                            |                    |
| 65                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) .....   | 4                          | SP                           |                    |
| 66                     | AN4-22A            | .BOLT .....   | 2                          | SP                           |                    |
| 67                     | 212-001-302-001    | .SUPPORT ASSY .....   | 1                          | SP                           |                    |
| 68                     | 21-006B7.5-20.5    | ..BUSHING .....   | 2                          | SP                           |                    |
| 69                     | NAS679A5           | ..NUT (REPLACED BY MS21042L5) .....   | 1                          | P                            |                    |
| 69                     | MS21042L5          | ..NUT, SELF-LOCKING (REPLACES NAS679A5) .....   | 1                          | SP                           |                    |
| 70                     | AN960PD516         | ..WASHER (REPLACED BY NAS1149D0563J) (REPLACED BY AN960JD516) .....   | 1                          | P                            |                    |
| 70                     | AN960JD516         | ..WASHER, FLAT (REPLACED BY NAS1149D0563J) (REPLACES AN960PD516) (REPLACED BY NAS1149D0563J) .....            | 1                          | P                            |                    |
| 70                     | NAS1149D0563J      | ..WASHER (REPLACED BY NAS1149D0563J) (REPLACES AN960JD516) .....  | 1                          | SP                           |                    |
| 70                     | NAS1149D0563J      | ..WASHER (REPLACES AN960PD516 AND AN960JD516) .....   | 1                          | SP                           |                    |
| 71                     | 204-001-344-001    | ..STUD (REPLACED BY 205-001-126-101) .....  | 1                          | NP                           |                    |
| 71                     | 205-001-126-101    | ..STUD (REPLACES 204-001-344-001) .....   | 1                          | SP                           |                    |
| 72                     | NAS679A4           | ..NUT (REPLACED BY MS21042L4) .....   | 3                          | P                            |                    |
| 72                     | MS21042L4          | ..NUT (REPLACES NAS679A4) .....   | 3                          | SP                           |                    |
| 73                     | AN960PD416         | ..WASHER (REPLACED BY NAS1149D0463J) (REPLACED BY AN960JD416) .....   | 3                          | NP                           |                    |
| 73                     | AN960JD416         | ..WASHER, FLAT (REPLACED BY NAS1149D0463J) (REPLACES AN960PD416) (REPLACED BY NAS1149D0463J) .....            | 3                          | P                            |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-9. Controls Installation, Fore, Aft and Lateral Cyclic (Cont'd)</b> |                            |                              |                    |
| 73                     | NAS1149D0463J      | ..WASHER (REPLACED BY NAS1149D0463J)<br>(REPLACES AN960JD416) .....              | 3                          | SP                           |                    |
| 73                     | NAS1149D0463J      | ..WASHER (REPLACES AN960PD416<br>AND AN960JD416) .....                           | 3                          | SP                           |                    |
| 74                     | 212-001-300-001    | ..STUD (REPLACED BY 212-001-300-101) .....                                       | 3                          | NP                           |                    |
| 74                     | 212-001-300-101    | ..STUD (REPLACES 212-001-300-001) .....  | 3                          | SP                           |                    |
|                        |                    | NOTE 1: REFER TO BHT-212-MM FOR RIGGING<br>INSTRUCTIONS.                         |                            |                              |                    |
|                        |                    | <b>AVAIL CODE      DEFINITION</b>  |                            |                              |                    |
|                        |                    | P                  Procurable  |                            |                              |                    |
|                        |                    | NP                Non Procurable   |                            |                              |                    |
|                        |                    | SP                Normal Stock/Procurement                                       |                            |                              |                    |
|                        |                    | See introduction on availability codes for<br>additional information.            |                            |                              |                    |

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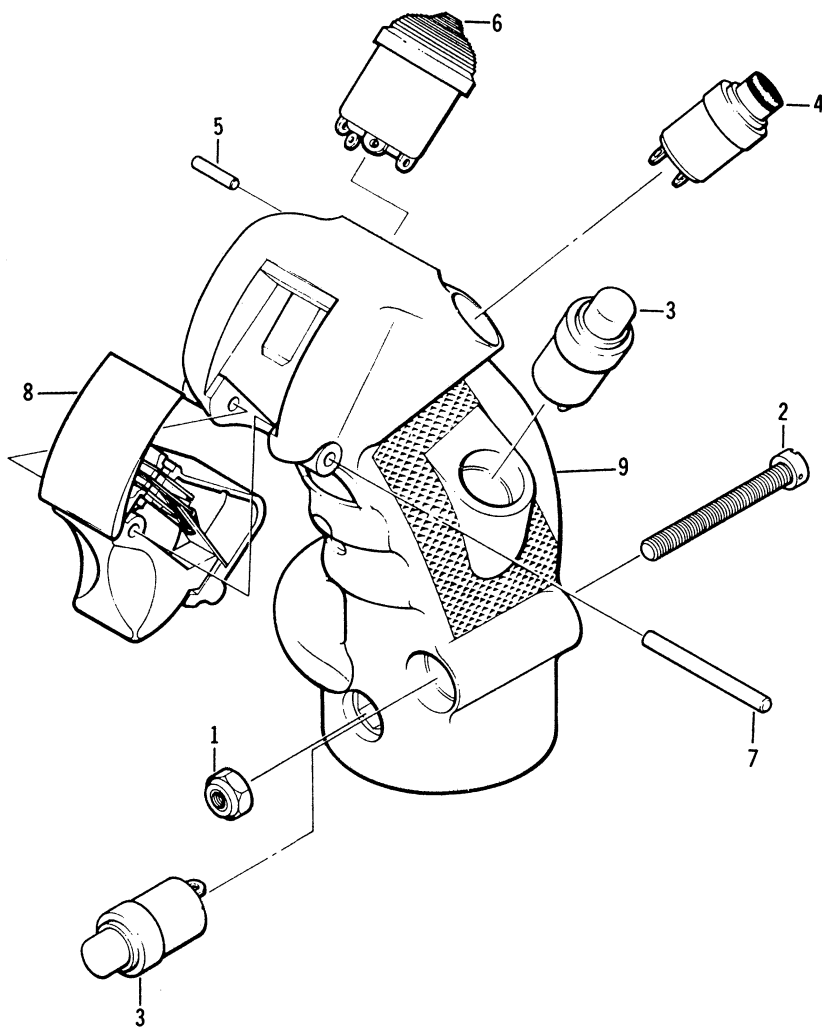
Figure 67-10. Stick assembly, cyclic control system, pilots

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-10. Stick assembly, cyclic control system, pilots</b>                        |                            |                              |                    |
|                        | 204-001-363-015    | STICK ASSY, CYCLIC CONTROL SYSTEM, PILOTS (SEE . . . . FIG. 7 FOR NHA)                     | REF                        | 1                            |                    |
|                        | 204-001-363-029    | (ALTERNATE PART)<br>STICK ASSY, CYCLIC CONTROL SYSTEM, PILOTS (SEE . . . . FIG. 7 FOR NHA) | REF                        |                              |                    |
| 1                      | MS17826-5          | ..NUT (REPLACED BY MS14145L5) . . . . .  | 4                          | 0                            |                    |
| 1                      | MS14145L5          | ..NUT (REPLACES MS17826-5) . . . . .   | 4                          | 1                            |                    |
| 2                      | AN960JD516         | ..WASHER (REPLACED BY NAS1149D0563J) . . . . .   | 4                          | 1                            |                    |
| 2                      | NAS1149D0563J      | ..WASHER (REPLACES AN960JD516) . . . . .   | 4                          | 1                            |                    |
| 3                      | 120-025-14-10-54   | ..SHIM (REPLACED BY 120-034-14-10) . . . . .   | 4                          | 0                            |                    |
| 3                      | 120-034-14-10      | ..SHIM (REPLACES 120-025-14-10-54) . . . . .   | 4                          | 1                            |                    |
| 4                      | NAS464-5-17        | ..BOLT (REPLACED BY 20-057-5S17D) . . . . .  | 4                          | 0                            |                    |
| 4                      | 20-057-5S17D       | ..BOLT (REPLACES NAS464-5-17) . . . . .  | 4                          | 1                            |                    |
| 5                      | MS17825-4          | ..NUT (REPLACED BY MS14144L4) . . . . .  | 1                          | 0                            |                    |
| 5                      | MS14144L4          | ..NUT (REPLACES MS17825-4) . . . . .   | 1                          | 1                            |                    |
| 6                      | NAS1197-416        | ..WASHER . . . . .   | 2                          | 1                            |                    |
| 7                      | AN174-33           | ..BOLT . . . . .   | 1                          | 1                            |                    |
| 8                      | AN200KP5           | ..BEARING (REPLACED BY MS27640-5) . . . . .  | 2                          | 0                            |                    |
| 8                      | MS27640-5          | ..BEARING (REPLACES AN200KP5) . . . . .  | 2                          | 1                            |                    |
| 9                      | AN3-3A             | ..BOLT . . . . .   | 1                          | 1                            |                    |
| 10                     | AN960JD10          | ..WASHER (REPLACED BY NAS1149D0363J) . . . . .   | 1                          |                              |                    |
| 10                     | NAS1149D0363J      | ..WASHER (REPLACES AN960JD10) . . . . .  | 1                          |                              |                    |
| 11                     | MS21919DG6         | ..CLAMP (REPLACED BY MS21919WDG6) . . . . .  | 1                          |                              |                    |
| 11                     | MS21919WDG6        | ..CLAMP (REPLACES MS21919DG6) . . . . .  | 1                          | 1                            |                    |
| 12                     | 204-001-357-005    | ..LEVER ASSY . . . . .   | 1                          | 1                            |                    |
| 13                     | MS20206DSP4        | ..BEARING (REPLACED BY MS27643-4) . . . . .  | 2                          | 0                            |                    |
| 13                     | MS27643-4          | ..BEARING (REPLACES MS20206DSP4) . . . . .   | 2                          | 1                            |                    |
| 14                     | 23S4-4A            | ..BUSHING (REPLACED BY 120-013-4A) . . . . .   | 2                          | 0                            |                    |
| 14                     | 120-013-4A         | ..SLEEVE (REPLACES 23S4-4A) . . . . .  | 2                          | 1                            |                    |
| 15                     | MS3126E14-19P      | ..CONNECTOR (REFERENCE DESIGNATOR P46) . . . . .   | 1                          | 1                            |                    |
| 16                     | 10-101-033-11      | ..PLUG . . . . .   | 7                          |                              |                    |
| 17                     | 204-001-337-003    | ..GIMBAL . . . . .   | 1                          | 1                            |                    |
| 18                     | 204-001-362-001    | ..SUPPORT ASSY . . . . .   | 1                          | 1                            |                    |
| 19                     | AN200KP5           | ..BEARING (REPLACED BY MS27640-5) . . . . .  | 2                          | 0                            |                    |
| 19                     | MS27640-5          | ..BEARING (REPLACES AN200KP5) . . . . .  | 2                          | 1                            |                    |
| 20                     | 204-001-345-001    | ..BUSHING . . . . .  | 2                          | 1                            |                    |
| 21                     | 204-001-346-001    | ..SLEEVE . . . . .   | 1                          | 1                            |                    |
| 22                     | 205-001-042-001    | ..GRIP ASSY . . . . .  | 1                          | 1                            |                    |
| 23                     | 21216              | ..SWITCH, 4 WAY (REPLACED BY PM21216, MS27708-3 . . . AND MS27708-4)                       | 1                          | 0                            |                    |
| 23                     | PM21216            | ..SWITCH, 4 WAY (REPLACES 21216) (REPLACED BY . . . . MS27708-3 AND MS27708-4)             | 1                          | 0                            |                    |
| 23                     | MS27708-3          | ..SWITCH, 4 WAY (REPLACES 21216 AND PM21216) . . . . (REPLACED BY MS27708-4)               | 1                          | 1                            |                    |
| 23                     | MS27708-4          | ..SWITCH, 4 WAY (REPLACES 21216, PM21216 AND . . . . MS27708-3)                            | 1                          |                              |                    |
| 24                     | 21415              | ..SCREW (REPLACED BY MS35266-70) . . . . .   | 1                          |                              |                    |
| 24                     | MS35266-70         | ..SCREW (REPLACES 21415) . . . . .   | 1                          | 1                            |                    |
| 25                     | 21234              | ..NUT . . . . .  | 1                          |                              |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-10. Stick assembly, cyclic control system, pilots (Cont'd)</b>                              |                            |                              |                    |
| 26                     | 21215              | ..SWITCH ASSY, PUSH BUTTON (SWITCH C AND D) . . . . .<br>(REPLACED BY PM21215) (REFERENCE DESIGNATOR S67) | 2                          |                              |                    |
| 26                     | PM21215            | ..SWITCH, PUSH BUTTON (SWITCH C AND D) (REPLACES . . .<br>21215) (REFERENCE DESIGNATOR S67)               | 2                          | 1                            |                    |
| 27                     | 21482              | ..SWITCH ASSY, PUSH BUTTON (SWITCH B) (REFERENCE . . .<br>DESIGNATOR S67)                                 | 1                          | 1                            |                    |
| 28                     | AN505-5-5          | ..SCREW . . . . .   | 1                          | 1                            |                    |
| 29                     | 21230              | ..SWITCH ASSY, TRIGGER (SWITCH E) (REPLACED BY . . . .<br>PM21230 AND PM21230-2)                          | 1                          | 0                            |                    |
| 29                     | PM21230            | ..SWITCH, TRIGGER (SWITCH E) (REPLACES 21230) . . . .<br>(REPLACED BY PM21230-2)                          | 1                          |                              |                    |
| 29                     | PM21230-2          | ..SWITCH, TRIGGER (SWITCH E) (REPLACES 21230 AND . . .<br>PM21230)  | 1                          | 1                            |                    |
| 30                     | 21644              | ..SCREW (REPLACED BY PM-21644) . . . . .  | 2                          | 0                            |                    |
| 30                     | PM-21644           | ..SCREW (REPLACES 21644) . . . . .  | 2                          |                              |                    |
| 30A                    | 21251              | ..WASHER . . . . .  | 2                          |                              |                    |
| 31                     | 21223              | ..TRIGGER SWITCH . . . . .  | 1                          | 1                            |                    |
| 32                     | 21221              | ..PIN, TRIGGER . . . . .  | 1                          | 1                            |                    |
| 33                     | 21220              | ..SCREW . . . . .   | 1                          | 0                            |                    |
| 34                     | 21639              | ..NUT . . . . .   | 1                          |                              |                    |
| 35                     | 21219              | ..SPRING, TENSION . . . . .   | 1                          | 6                            |                    |
| 36                     | 21638              | ..BALL . . . . .  | 1                          |                              |                    |
|                        | DELETED            | . . . . .   |                            |                              |                    |
| 38                     | 21222              | ..NUT . . . . .   | 1                          | 0                            |                    |
| 39                     | 21218              | ..SPRING (REPLACED BY PM21218-1) . . . . .  | 1                          |                              |                    |
| 39                     | PM21218-1          | ..SPRING (REPLACES 21218) . . . . .   | 1                          | 0                            |                    |
| 40                     | 21217              | ..PIN . . . . .   | 1                          |                              |                    |
| 41                     | 21264              | ..INSERT . . . . .  | 1                          | 6                            |                    |
| 42                     | 21254              | ..BRACKET . . . . .   | 1                          | 0                            |                    |
| 43                     | 21645              | ..SCREW . . . . .   | 1                          | 1                            |                    |
| 44                     | 21641              | ..WASHER . . . . .  | 2                          | 1                            |                    |
| 45                     | 21800              | ..HANDLE ASSY . . . . .   | 1                          | 1                            |                    |
| 46                     | 22K2-048           | ..NUT (REPLACED BY 90-003-40) . . . . .   | 1                          |                              |                    |
| 46                     | 90-003-40          | ..NUT (REPLACES 22K2-048) . . . . .<br>(ALTERNATE PART)   | 1                          | 1                            |                    |
| 46                     | EK1BS1/4-28C       | ..NUT . . . . .   | 1                          |                              |                    |
| 47                     | AN960PD416         | ..WASHER (REPLACED BY AN960JD416) . . . . .   | 2                          |                              |                    |
| 47                     | AN960JD416         | ..WASHER (REPLACES AN960PD416) (REPLACED BY . . . . .<br>NAS1149D0463J)                                   | 2                          |                              |                    |
| 47                     | NAS1149D0463J      | ..WASHER (REPLACES AN960JD416) . . . . .  | 2                          |                              |                    |
| 48                     | AN24-30A           | ..BOLT . . . . .  | 1                          | 1                            |                    |
| 49                     | 204-001-338-003    | ..ELBOW . . . . .   | 1                          | 1                            |                    |
| 50                     | 204-001-364-001    | ..STICK ASSY (REPLACED BY 204-001-364-101) . . . . .  | 1                          |                              |                    |
| 50                     | 204-001-364-101    | ..STICK ASSY (REPLACES 204-001-364-001) . . . . .   | 1                          |                              |                    |
| 51                     | 204-001-365-001    | ..COLLAR . . . . .  | 1                          |                              |                    |
| 52                     | 204-001-367-001    | ..SLEEVE ASSY . . . . .   | 1                          | 1                            |                    |
| 53                     | 204-001-370-001    | ...COLLAR . . . . .   | 1                          | 1                            |                    |
| 54                     | 204-001-367-003    | ...SLEEVE . . . . .   | 1                          |                              |                    |



| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-10. Stick assembly, cyclic control system, pilots (Cont'd)</b> |                            |                              |                    |
| 55                     | 204-001-366-001    | ...BELL ASSY (REPLACED BY 204-001-366-101) . . . . .                         | 1                          | 0                            |                    |
| 55                     | 204-001-366-101    | ...BELL ASSY (REPLACES 204-001-366-001) . . . . .                            | 1                          | 1                            |                    |
| 56                     | 204-001-366-005    | ...FRICTION MATERIAL . . . . .   | 1                          |                              |                    |
| 57                     | 204-001-368-001    | ..NUT ASSY . . . . .   | 1                          | 1                            |                    |
| 58                     | 204-001-369-001    | ..SLEEVE . . . . .   | 1                          |                              |                    |
| 59                     | 204-001-364-003    | ..STICK ASSY (USBL ON 204-001-364-001) . . . . .                             | 1                          | 1                            |                    |
| 59                     | 204-001-364-103    | ..STICK ASSY (USBL ON 204-001-364-101) . . . . .                             | 1                          | 1                            |                    |
| 60                     | 204-001-303-001    | ...BUSHING . . . . .   | 1                          | 6                            |                    |



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Figure 67-10A. Grip assembly, cyclic

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME                             | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-10A. Grip assembly, cyclic</b> |                            |                              |                    |
|                        | 205-001-046-003    | GRIP ASSY, CYCLIC (702-5118) . . . . .       | 1                          |                              |                    |
| 1                      | MS21083-N3         | .NUT . . . . .                               | 1                          |                              |                    |
| 2                      | MS35266-70         | .SCREW . . . . .                             | 1                          |                              |                    |
| 3                      | MS25089-4A         | .SWITCH . . . . .                            | 2                          |                              |                    |
| 4                      | MS25089-3A         | .SWITCH . . . . .                            | 1                          |                              |                    |
| 5                      | STD 870-5          | .PIN, BEARING . . . . .                      | 1                          |                              |                    |
| 6                      | 400-4307           | .SWITCH, TOGGLE . . . . .                    | 1                          |                              |                    |
| 7                      | 702-279-1          | .PIN, TRIGGER . . . . .                      | 1                          |                              |                    |
| 8                      | 406-1309           | .SWITCH, TRIGGER . . . . .                   | 1                          |                              |                    |
| 9                      | 702-5118-01        | .GRIP ASSY, CONTROL . . . . .                | 1                          |                              |                    |

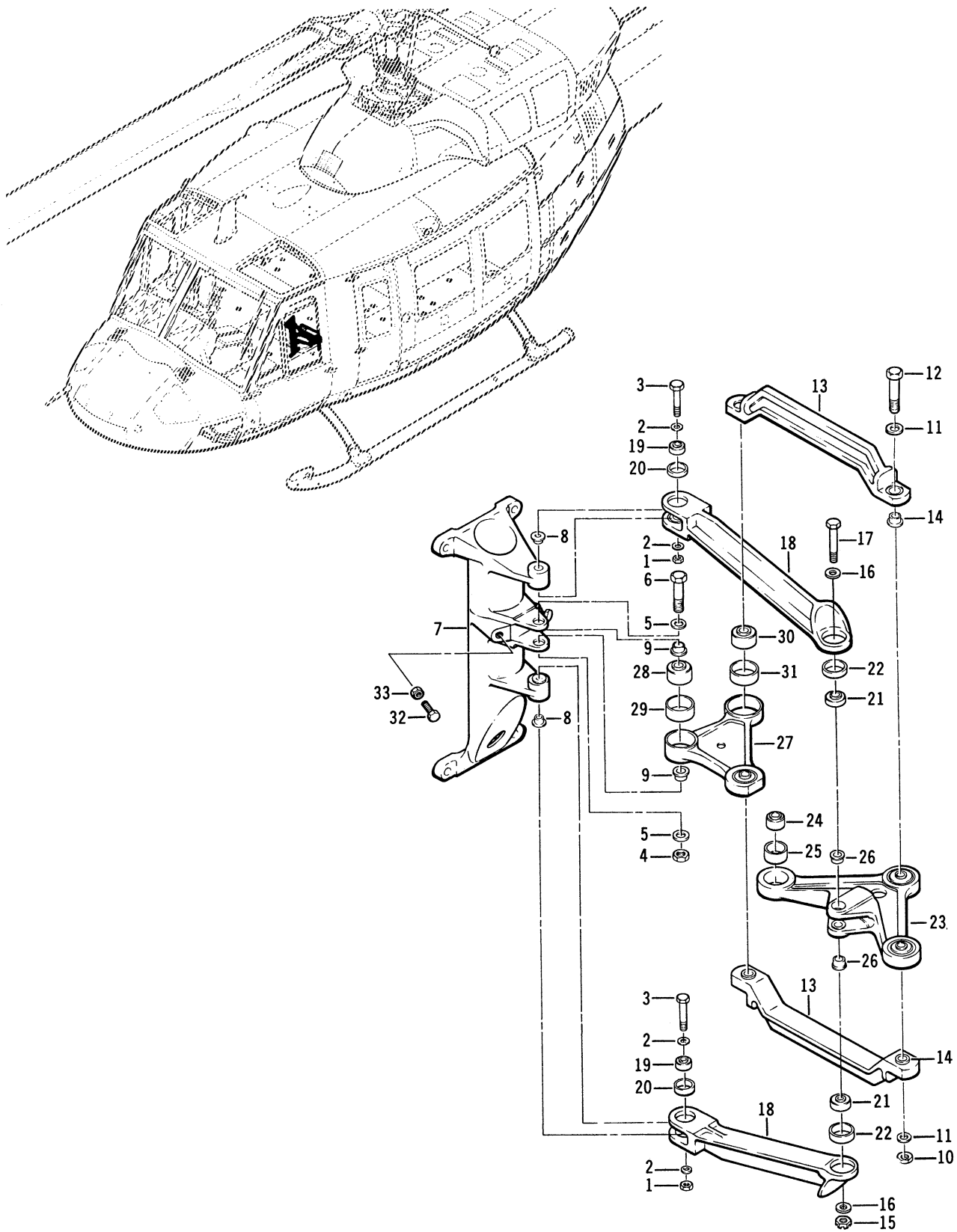
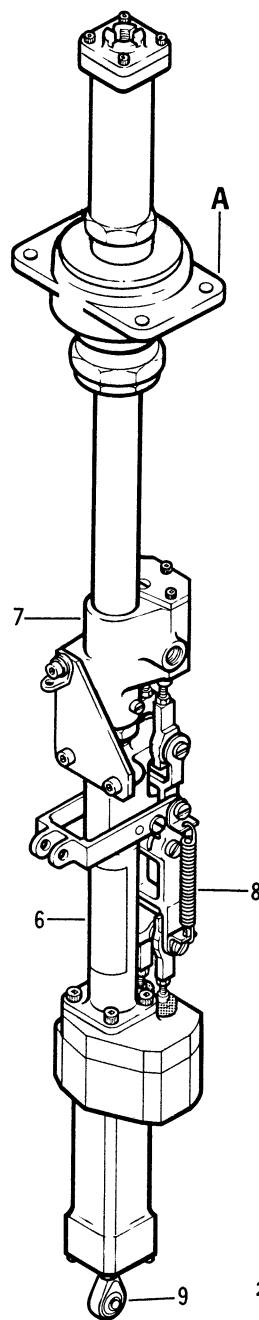
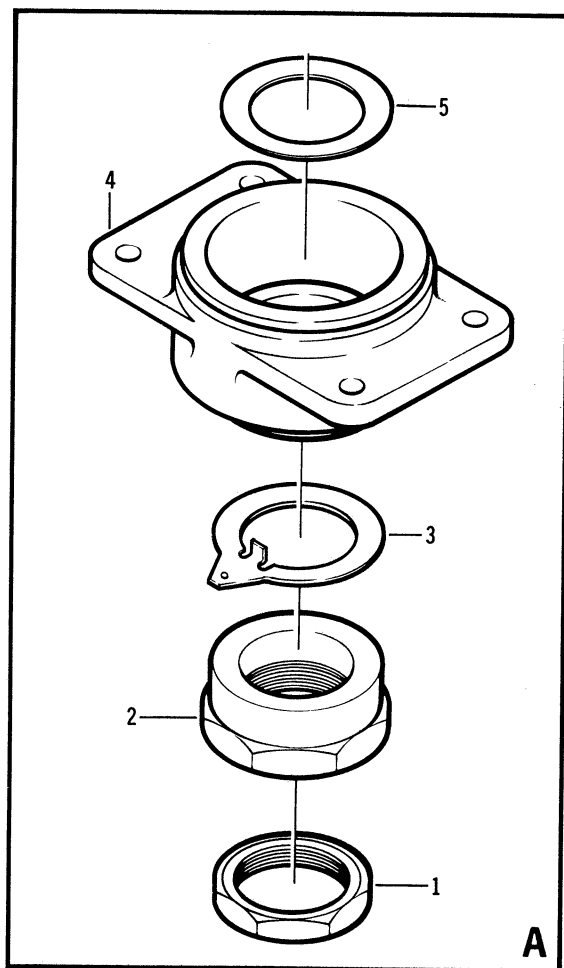
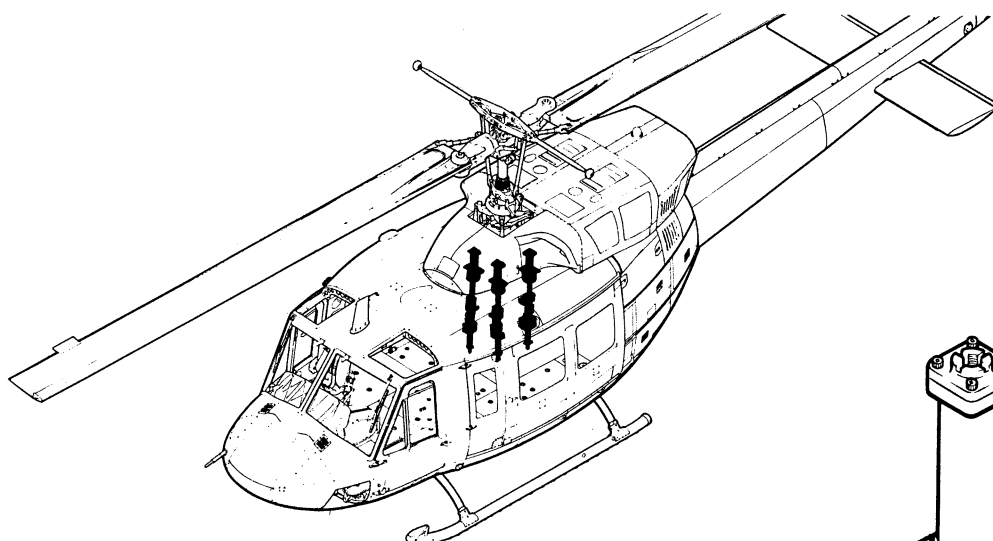


Figure 67-11. Lever assembly, mixing

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-11. Lever assembly, mixing</b>                  |                            |                              |                    |
|                        | 205-001-301-001    | LEVER ASSY (S/N 30504 THRU 30849) (SEE FIG. 8 FOR . . . NHA)  | REF                        |                              |                    |
|                        | 212-001-320-001    | LEVER ASSY (S/N 30850 THRU SUB) (SEE FIG. 8 FOR . . . . NHA)  | REF                        |                              |                    |
| 1                      | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .                        | 2                          |                              |                    |
| 1                      | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .                           | 2                          |                              |                    |
| 2                      | AN960-416          | .WASHER (REPLACED BY AN960C416) . . . . .                     | 4                          |                              |                    |
| 2                      | AN960C416          | .WASHER (REPLACES AN960-416) . . . . .                        | 4                          |                              |                    |
| 3                      | AN174-15           | .BOLT (S/N 30504 THRU 30849) . . . . .                        | 2                          |                              |                    |
| 3                      | NAS1304-20D        | .BOLT (S/N 30850 THRU SUB) (REPLACED BY . . . . . NAS6604D20) | 2                          |                              |                    |
| 3                      | NAS6604D20         | .BOLT (S/N 30850 THRU SUB) (REPLACES NAS1304-20D) . .         | 2                          |                              |                    |
| 4                      | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .                        | 1                          |                              |                    |
| 4                      | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .                           | 1                          |                              |                    |
| 5                      | NAS1197-416        | .WASHER (S/N 51026 THRU SUB) . . . . .                        | 2                          |                              |                    |
| 6                      | AN174-17D          | .BOLT (S/N 30504 THRU 30849) . . . . .                        | 1                          |                              |                    |
| 6                      | NAS1304-24D        | .BOLT (S/N 30850 THRU SUB) (REPLACED BY . . . . . NAS6604D24) | 1                          |                              |                    |
| 6                      | NAS6604D24         | .BOLT (S/N 30850 THRU SUB) (REPLACES NAS1304-24D) . .         | 1                          |                              |                    |
| 7                      | 205-001-302-001    | .SUPPORT ASSY (S/N 30504 THRU 30849) . . . . .                | 1                          |                              |                    |
| 7                      | 214-001-301-001    | .SUPPORT ASSY (S/N 30850 THRU SUB) . . . . .                  | 1                          |                              |                    |
| 8                      | 85B6-15-19-16      | ..BUSHING (REPLACED BY 22-006-15-19-16) . . . . .             | 4                          |                              |                    |
| 8                      | 22-006-15-19-16    | ..BUSHING (REPLACES 85B6-15-19-16) . . . . .                  | 4                          |                              |                    |
| 9                      | 22-006-15-15-16    | ..BUSHING . . . . .   | 2                          |                              |                    |
| 10                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .                        | 2                          |                              |                    |
| 10                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .                           | 2                          |                              |                    |
| 11                     | NAS1197-416        | .WASHER . . . . .   | 4                          |                              |                    |
| 12                     | AN174-17D          | .BOLT (S/N 30504 THRU 30849) . . . . .                        | 2                          |                              |                    |
| 12                     | NAS1304-25         | .BOLT (S/N 30850 THRU SUB) (REPLACED BY . . . . . NAS6604-25) | 2                          |                              |                    |
| 12                     | NAS6604-25         | .BOLT (S/N 30850 THRU SUB) (REPLACES NAS1304-25) . .          | 2                          |                              |                    |
| 13                     | 204-001-354-001    | .LINK ASSY . . . . .  | 2                          |                              |                    |
| 14                     | 85B6-15-22-16      | ..BUSHING (REPLACED BY 22-006-15-22-16) . . . . .             | 2                          |                              |                    |
| 14                     | 22-006-15-22-16    | ..BUSHING (REPLACES 85B6-15-22-16) . . . . .                  | 2                          |                              |                    |
| 15                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .                        | 1                          |                              |                    |
| 15                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .                           | 1                          |                              |                    |
| 16                     | NAS1197-416        | .WASHER . . . . .   | 2                          |                              |                    |
| 17                     | NAS6604D33         | .BOLT . . . . .   | 1                          |                              |                    |
| 18                     | 204-001-353-001    | .LINK ASSY . . . . .  | 2                          |                              |                    |
| 19                     | AN201KP4A          | ..BEARING (REPLACED BY MS27641-4) . . . . .                   | 2                          |                              |                    |
| 19                     | MS27641-4          | ..BEARING (REPLACES AN201KP4A) . . . . .                      | 2                          |                              |                    |
| 20                     | 23S3-4A            | ..BUSHING (REPLACED BY 120-012-4A) . . . . .                  | 2                          |                              |                    |
| 20                     | 120-012-4A         | ..SLEEVE (REPLACES 23S3-4A) . . . . .                         | 2                          |                              |                    |
| 21                     | AN200KP4           | ..BEARING (REPLACED BY MS27640-4) . . . . .                   | 1                          |                              |                    |
| 21                     | MS27640-4          | ..BEARING (REPLACES AN200KP4) . . . . .                       | 1                          |                              |                    |
| 22                     | 23S2-4A            | ..BUSHING (REPLACED BY 120-011-4A) . . . . .                  | 1                          |                              |                    |
| 22                     | 120-011-4A         | ..SLEEVE (REPLACES 23S2-4A) . . . . .                         | 1                          |                              |                    |
| 23                     | 204-001-351-001    | .BELLCRANK ASSY . . . . .                                     | 1                          |                              |                    |
| 24                     | MS20206DSP4        | ..BEARING (REPLACED BY MS27643-4) . . . . .                   | 3                          |                              |                    |
| 24                     | MS27643-4          | ..BEARING (REPLACES MS20206DSP4) . . . . .                    | 3                          |                              |                    |



| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME                                      | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-11. Lever assembly, mixing (Cont'd)</b> |                            |                              |                    |
| 25                     | 23S4-4A            | ..BUSHING (REPLACED BY 120-013-4A) . . . . .          | 3                          |                              |                    |
| 25                     | 120-013-4A         | ..SLEEVE (REPLACES 23S4-4A) . . . . .                 | 3                          |                              |                    |
| 26                     | 85B6-15-11-16      | ..BUSHING (REPLACED BY 22-006-15-11-16) . . . . .     | 3                          |                              |                    |
| 26                     | 22-006-15-11-16    | ..BUSHING (REPLACES 85B6-15-11-16) . . . . .          | 3                          |                              |                    |
| 27                     | 204-001-352-005    | .BELLCRANK ASSY (S/N 30504 THRU 30849) . . . . .      | 1                          |                              |                    |
| 27                     | 214-001-500-001    | .BELLCRANK ASSY (S/N 30850 THRU SUB) . . . . .        | 1                          |                              |                    |
| 28                     | DW4                | ..BEARING (S/N 3050- THRU 43089) . . . . .            | 1                          |                              |                    |
|                        |                    | (ALTERNATE PART)                                      |                            |                              |                    |
| 28                     | DW4K               | ..BEARING (REPLACED BY MS27647-4) . . . . .           | 1                          |                              |                    |
| 28                     | MS27647-4          | ..BEARING (REPLACES DW4K) . . . . .                   | 1                          |                              |                    |
| 28                     | 212-001-066-001    | ..BEARING . . . . .                                   | 1                          |                              |                    |
| 29                     | 23S6-4KA           | ..BUSHING (REPLACED BY 120-015-4KA) . . . . .         | 1                          |                              |                    |
| 29                     | 120-015-4KA        | ..SLEEVE (REPLACES 23S6-4KA) . . . . .                | 1                          |                              |                    |
| 30                     | MS20206DSP4        | ..BEARING (REPLACED BY MS27643-4) . . . . .           | 2                          |                              |                    |
| 30                     | MS27643-4          | ..BEARING (REPLACES MS20206DSP4) . . . . .            | 2                          |                              |                    |
| 31                     | 23S4-4A            | ..BUSHING (REPLACED BY 120-013-4A) . . . . .          | 2                          |                              |                    |
| 31                     | 120-013-4A         | ..SLEEVE (REPLACES 23S4-4A) . . . . .                 | 2                          |                              |                    |
| 32                     | NAS428-4-10        | .BOLT . . . . .                                       | 2                          |                              |                    |
| 33                     | AN316-4            | .NUT (REPLACED BY AN316-4R) . . . . .                 | 2                          |                              |                    |
| 33                     | AN316-4R           | .NUT (REPLACES AN316-4) . . . . .                     | 2                          |                              |                    |



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Figure 67-12. Cylinder assembly



| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-12. Cylinder Assembly</b>   |                            |                              |                    |
|                        | 212-076-005-007    | CYLINDER ASSY (S/N 30504 THRU 31256) (SEE FIG. 2, 9 FOR NHA) (REPLACED BY 212-076-005-009, -011, -101, -103, -105 AND -111).....   | REF                        | NP                           |                    |
|                        | 212-076-005-009    | CYLINDER ASSY (S/N 30504 THRU 31256) (SEE FIG. 2, 9 FOR NHA) (REPLACES 212-076-005-007) (REPLACED BY 212-076-005-011, -101, -103, -105 AND -111).....                      | REF                        | NP                           |                    |
|                        | 212-076-005-011    | CYLINDER ASSY (S/N 30504 THRU 31311, 35001 THRU 35023) (SEE FIG. 2, 9 FOR NHA) (REPLACES 212-076-005-007 AND -009) (REPLACED BY 212-076-005-101, -103, -105 AND -111)..... | REF                        | NP                           |                    |
|                        | 212-076-005-101    | CYLINDER ASSY (S/N 30504 THRU 31311, 35001 THRU 35048) (SEE FIG. 2, 9 FOR NHA) (REPLACES 212-076-005-007, -009 AND -011) (REPLACED BY 212-076-005-103, -105 AND -111)..... | REF                        | NP                           |                    |
|                        | 212-076-005-103    | CYLINDER ASSY (S/N 30504 THRU 31311, 35001 THRU 35048) (SEE FIG. 2, 9 FOR NHA) (REPLACES 212-076-005-007, -009 -011 AND -101) (REPLACED BY 212-076-005-105 AND -111).....  | REF                        | NP                           |                    |
|                        | 212-076-005-105    | CYLINDER ASSY (SEE FIG. 2, 9 FOR NHA) (REPLACES 212-076-005-007, -009 -011, -101 AND -103) (REPLACED BY 212-076-005-111).....  | REF                        | SP                           |                    |
|                        | 212-076-005-111    | CYLINDER ASSY (SEE FIG. 2, 9 FOR NHA) (REPLACES 212-076-005-007, -009, -011, -101, -103 AND -105).....   | REF                        | SP                           |                    |
| 1                      | 212-076-120-001    | .NUT .....   | 1                          | SP                           |                    |
| 2                      | 212-076-118-001    | .NUT (USBL ON 212-076-005-007, -009 AND -011).....<br>(ALTERNATE PART)   | 1                          |                              |                    |
| 2                      | 212-076-118-101    | .NUT .....   | 1                          | SP                           |                    |
| 3                      | 212-076-122-001    | .WASHER .....  | 1                          | SP                           |                    |
| 4                      | 212-076-116-001    | .BRACKET (USBL ON 212-076-005-007) (REPLACED BY 212-076-116-003).....  | 1                          | NP                           |                    |
| 4                      | 212-076-116-003    | .BRACKET (USBL ON 212-076-005-007, -009 AND -011) (REPLACES 212-076-116-001).....  | 1                          |                              |                    |
| 4                      | 212-076-116-101    | .BRACKET (USBL ON 212-076-005-101 AND -103) (REPLACED BY 212-076-116-103).....   | 1                          | NP                           |                    |
| 4                      | 212-076-116-103    | .BRACKET (USBL ON 212-076-005-101, -103, -105 AND -111) (REPLACES 212-076-116-101).....  | 1                          | SP                           |                    |
| 5                      | 212-076-119-001    | .PLATE .....   | 1                          | SP                           |                    |
| 6                      | 212-076-121-007    | .DECAL (HYDRAULIC CYLINDER ASSY) (USBL ON 212-076-005-007).....  | 1                          | SP                           |                    |
| 6                      | 212-076-121-009    | .DECAL (HYDRAULIC CYLINDER ASSY) (USBL ON 212-076-005-009).....  | 1                          | SP                           |                    |
| 6                      | 212-076-121-011    | .DECAL (HYDRAULIC CYLINDER ASSY) (USBL ON 212-076-005-011).....  | 1                          | SP                           |                    |
| 6                      | 212-076-121-101    | .DECAL (HYDRAULIC CYLINDER ASSY) (USBL ON 212-076-005-101).....  | 1                          | SP                           |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-12. Cylinder Assembly (Cont'd)</b>                       |                            |                              |                    |
| 6                      | 212-076-121-103    | .DECAL (HYDRAULIC CYLINDER ASSY)<br>(USBL ON 212-076-005-103) .....   | 1                          | SP                           |                    |
| 6                      | 212-076-121-105    | .DECAL (HYDRAULIC CYLINDER ASSY)<br>(USBL ON 212-076-005-105) .....   | 1                          | SP                           |                    |
| 6                      | 212-076-121-111    | .DECAL (HYDRAULIC CYLINDER ASSY)<br>(USBL ON 212-076-005-111) .....   | 1                          | SP                           |                    |
| 7                      | 212-076-003-005    | .ACTUATOR, HYDRAULIC<br>(USBL ON 212-076-005-007) .....               | 1                          |                              |                    |
| 7                      | 212-076-003-007    | .ACTUATOR, HYDRAULIC<br>(USBL ON 212-076-005-009) .....               | 1                          |                              |                    |
| 7                      | 212-076-003-009    | .ACTUATOR, HYDRAULIC<br>(USBL ON 212-076-005-011) .....               | 1                          | P                            |                    |
| 7                      | 212-076-003-101    | .ACTUATOR, HYDRAULIC<br>(USBL ON 212-076-005-101) .....               | 1                          |                              |                    |
| 7                      | 212-076-003-103    | .ACTUATOR, HYDRAULIC<br>(USBL ON 212-076-005-103 AND -105) .....      | 1                          |                              |                    |
| 7                      | 212-076-003-109    | .ACTUATOR, HYDRAULIC<br>(USBL ON 212-076-005-111) .....               | 1                          |                              |                    |
| 8                      | 41000633           | ..SPRING .....  | 2                          | SP                           |                    |
| 9                      | KBNE6W             | ..ROD END .....   | 1                          | SP                           |                    |
|                        |                    | (ALTERNATE PART)  |                            |                              |                    |
| 9                      | NHHE6-21W          | ..ROD END .....   | 1                          |                              |                    |
|                        |                    | <b>AVAIL CODE      DEFINITION</b>                                     |                            |                              |                    |
|                        |                    | P                  Procurable   |                            |                              |                    |
|                        |                    | NP                Non Procurable                                      |                            |                              |                    |
|                        |                    | SP                Normal Stock/Procurement                            |                            |                              |                    |
|                        |                    | See introduction on availability codes for<br>additional information. |                            |                              |                    |

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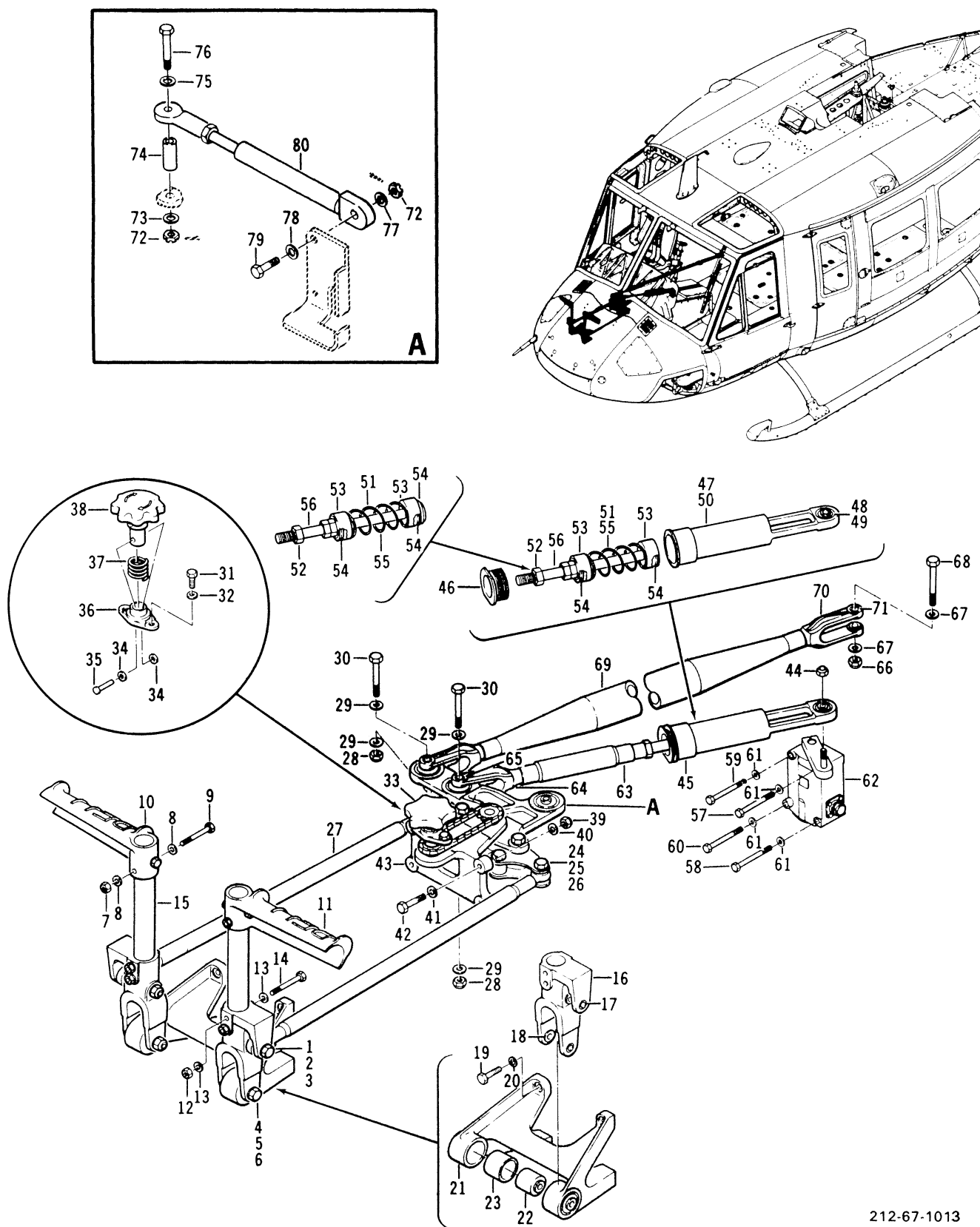


Figure 67-13. Control Installation, anti-torque

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C0000

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-13. Control Installation, Anti-torque</b>   |                            |                              |                    |
|                        | 212-001-004-003    | CONTROLS INSTL, ANTI-TORQUE (S/N 30504 THRU 30553)<br>(SEE FIG. 14 FOR BALANCE OF BREAKDOWN).....                      | 1                          | NP                           |                    |
|                        | 212-001-004-005    | CONTROLS INSTL, ANTI-TORQUE (S/N 30554 THRU 30596,<br>30604 THRU 30610) (SEE FIG. 14<br>FOR BALANCE OF BREAKDOWN)..... | 1                          | NP                           |                    |
|                        | 212-001-004-007    | CONTROLS INSTL, ANTI-TORQUE (S/N 30597 THRU 30603,<br>30611 THRU 30849) (SEE FIG. 14<br>FOR BALANCE OF BREAKDOWN)..... | 1                          | NP                           |                    |
|                        | 212-001-004-009    | CONTROLS INSTL, ANTI-TORQUE (S/N 30850 THRU 31311,<br>35001 THRU 35048) (SEE FIG. 15<br>FOR BALANCE OF BREAKDOWN)..... | 1                          | NP                           |                    |
|                        | 212-001-004-105    | CONTROLS INSTL, ANTI-TORQUE (SEE FIG. 15 FOR<br>BALANCE OF BREAKDOWN).....   | 1                          | NP                           |                    |
| 1                      | MS17825-4          | .NUT (REPLACED BY MS14144L4) .....   | 2                          | NP                           |                    |
| 1                      | MS14144L4          | .NUT (REPLACES MS17825-4) .....  | 2                          | SP                           |                    |
| 2                      | NAS1197-416        | .WASHER .....  | 4                          | SP                           |                    |
| 3                      | AN174-31           | .BOLT .....  | 2                          | SP                           |                    |
| 4                      | MS17825-6          | .NUT (REPLACED BY MS14144L6) .....   | 2                          | NP                           |                    |
| 4                      | MS14144L6          | .NUT (REPLACES MS17825-6) .....  | 2                          | SP                           |                    |
| 5                      | NAS1197-616        | .WASHER .....  | 4                          | SP                           |                    |
| 6                      | AN176-23           | .BOLT .....  | 2                          | SP                           |                    |
|                        | 205-001-775-001    | .PEDAL ASSY, ANTI-TORQUE CONTROL, LH .....   | 1                          |                              |                    |
|                        | 205-001-775-002    | .PEDAL ASSY, ANTI-TORQUE CONTROL, RH<br>(REPLACED BY 205-001-775-101).....   | 1                          | NP                           |                    |
|                        | 205-001-775-101    | .PEDAL ASSY, ANTI-TORQUE CONTROL, RH<br>(REPLACES 205-001-775-002).....  | 1                          |                              |                    |
| 7                      | MS17825-3          | ..NUT (REPLACED BY MS14144L3) .....  | 2                          | NP                           |                    |
| 7                      | MS14144L3          | ..NUT (REPLACES MS17825-3) .....   | 2                          | SP                           |                    |
| 8                      | NAS1197-10         | ..WASHER .....   | 4                          | SP                           |                    |
| 9                      | AN23-29            | ..BOLT .....   | 2                          | SP                           |                    |
| 10                     | 204-001-702-006    | ..PEDAL PAD, RH<br>(REPLACED BY 204-001-702-101) .....   | 1                          | SP                           |                    |
| 10                     | 204-001-702-101    | ..PEDAL PAD, RH (REPLACES 204-001-702-006) .....   | 1                          | SP                           |                    |
| 11                     | 204-001-702-005    | ..PEDAL PAD, LH .....  | 1                          | SP                           |                    |
| 12                     | MS21042L3          | ..NUT, SELF-LOCKING .....  | 2                          | SP                           |                    |
| 13                     | NAS1197-10         | ..WASHER .....   | 4                          | SP                           |                    |
| 14                     | AN3-20A            | ..BOLT .....   | 2                          | SP                           |                    |
| 15                     | 204-001-705-009    | ..ARM .....  | 2                          | SP                           |                    |
| 16                     | 204-001-757-005    | ..LEVER ASSY .....   | 2                          | SP                           |                    |
| 17                     | 20-006-15-12-16    | ...BUSHING .....   | 2                          | SP                           |                    |
| 18                     | 22-008B23-19-20    | ...BUSHING .....   | 2                          | SP                           |                    |
| 19                     | AN4-10A            | .BOLT .....  | 4                          | SP                           |                    |
| 20                     | NAS1197-416        | .WASHER .....  | 4                          | SP                           |                    |
| 21                     | 204-001-700-001    | .SUPPORT ASSY .....  | 1                          | SP                           |                    |
| 22                     | DW6                | ..BEARING (REPLACED BY MS27647-6) .....  | 2                          | NP                           |                    |
| 22                     | MS27647-6          | ..BEARING (REPLACES DW6) .....   | 2                          | SP                           |                    |
| 23                     | 23S6-6A            | ..BUSHING (REPLACED BY 120-015-6A) .....   | 2                          | NP                           |                    |
| 23                     | 120-015-6A         | ..SLEEVE (REPLACES 23S6-6A) .....  | 2                          | SP                           |                    |
| 24                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) .....   | 2                          | NP                           |                    |
| 24                     | MS14144L4          | .NUT (REPLACES MS17825-4) .....  | 2                          | SP                           |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-13. Control Installation, Anti-torque (Cont'd)</b>            |                            |                              |                    |
| 25                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) .....                                     | 4                          | NP                           |                    |
| 25                     | AN960JD416         | .WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) .....   | 4                          | P                            |                    |
| 25                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) .....  | 4                          | SP                           |                    |
| 26                     | AN174-14           | .BOLT .....  | 2                          | SP                           |                    |
| 27                     | 204-001-014-007    | .TUBE ASSY .....   | 2                          | SP                           |                    |
| 28                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) .....   | 2                          | NP                           |                    |
| 28                     | MS14144L4          | .NUT (REPLACES MS17825-4) .....  | 2                          | SP                           |                    |
| 29                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) .....                                     | 4                          | NP                           |                    |
| 29                     | AN960JD416         | .WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) .....   | 4                          | P                            |                    |
| 29                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) .....  | 4                          | SP                           |                    |
| 30                     | AN174-20           | .BOLT .....  | 2                          | SP                           |                    |
| 31                     | AN3-4A             | .BOLT .....  | 2                          | SP                           |                    |
| 32                     | NAS1197-10         | .WASHER .....  | 2                          | SP                           |                    |
| 33                     | 204-001-852-001    | .KNOB ASSY .....   | 1                          | SP                           |                    |
| 34                     | AN960PD10          | ..WASHER (REPLACED BY AN960JD10) .....                                     | 2                          | P                            |                    |
| 34                     | AN960JD10          | ..WASHER (REPLACES AN960PD10)<br>(REPLACED BY NAS1149D0363J) .....         | 2                          | P                            |                    |
| 34                     | NAS1149D0363J      | ..WASHER (REPLACES AN960JD10) .....  | 2                          | SP                           |                    |
| 35                     | MS20392-2-25       | ..PIN (REPLACED BY MS20392-2C25) .....                                     | 1                          | NP                           |                    |
| 35                     | MS20392-2C25       | ..PIN (REPLACES MS20392-2-25)<br>(REPLACED BY MS20392-2S25) .....          | 1                          | P                            |                    |
| 35                     | MS20392-2S25       | ..PIN (REPLACES MS20392-2C25) .....  | 1                          | SP                           |                    |
| 36                     | 204-001-850-001    | ..COLLAR .....   | 1                          | SP                           |                    |
| 37                     | 204-001-853-001    | ..SPRING .....   | 1                          | SP                           |                    |
| 38                     | 204-001-851-001    | ..KNOB AND SHAFT ASSY .....  | 1                          | SP                           |                    |
| 39                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) .....   | 4                          | P                            |                    |
| 39                     | MS21042L4          | .NUT (REPLACES NAS679A4) .....   | 4                          | SP                           |                    |
| 40                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) .....                                     | 4                          | NP                           |                    |
| 40                     | AN960JD416         | .WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) .....   | 4                          | P                            |                    |
| 40                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) .....  | 4                          | SP                           |                    |
| 41                     | NAS1197-416        | .WASHER .....  | 4                          | SP                           |                    |
| 42                     | AN4-11A            | .BOLT .....  | 4                          | SP                           |                    |
| 43                     | 204-001-762-013    | .ADJUSTER ASSY (S/N 30504 THRU 30849)<br>(SEE FIG. 17 FOR BREAKDOWN) ..... | 1                          | SP                           |                    |
| 43                     | 204-001-762-023    | .ADJUSTER ASSY (S/N 30850 THRU SUB)<br>(SEE FIG. 17 FOR BREAKDOWN) .....   | 1                          | SP                           |                    |
| 44                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) .....   | 1                          | NP                           |                    |
| 44                     | MS14144L4          | .NUT (REPLACES MS17825-4) .....  | 1                          | SP                           |                    |
| 45                     | 204-001-045-009    | .FORCE GRADIENT ASSY<br>(REPLACED BY 204-001-045-103) .....                | 1                          | NP                           |                    |
| 45                     | 204-001-045-103    | .FORCE GRADIENT ASSY<br>(REPLACES 204-001-045-009) .....                   | 1                          | P                            |                    |
| 46                     | 204-001-038-001    | ..CAP .....  | 1                          |                              |                    |
| 47                     | 204-001-042-001    | ..CYLINDER ASSY<br>(REPLACED BY 204-001-042-005) .....                     | 1                          | NP                           |                    |
| 47                     | 204-001-042-005    | ..CYLINDER ASSY (REPLACES 204-001-042-001) .....                           | 1                          | SP                           |                    |
| 48                     | MS20206DSP4        | ...BEARING (REPLACED BY MS27643-4) .....                                   | 1                          | NP                           |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-13. Control Installation, Anti-torque (Cont'd)</b>          |                            |                              |                    |
| 48                     | MS27643-4          | ...BEARING (REPLACES MS20206DSP4) .....                                  | 1                          | SP                           |                    |
| 49                     | 23S4-4A            | ...BUSHING (REPLACED BY 120-013-4A) .....                                | 1                          | NP                           |                    |
| 49                     | 120-013-4A         | ...SLEEVE (REPLACES 23S4-4A) .....                                       | 1                          | SP                           |                    |
| 50                     | 204-001-042-003    | ...CYLINDER .....  | 1                          | NP                           |                    |
| 51                     | 204-001-044-009    | ..SPRING ASSY (USBL ON 204-001-045-009) .....                            | 1                          |                              |                    |
| 51                     | 204-001-044-103    | ..SPRING ASSY (USBL ON 204-001-045-103) .....                            | 1                          | SP                           |                    |
| 52                     | AN316-7R           | ...NUT .....   | 3                          | SP                           |                    |
| 53                     | 204-001-036-001    | ...GUIDE ASSY (USBL ON 204-001-044-009) .....                            | 2                          | SP                           |                    |
| 53                     | 412-001-040-101    | ...GUIDE ASSY (USBL ON 204-001-044-103) .....                            | 2                          | SP                           |                    |
| 54                     | AN960-716L         | ...WASHER (USBL ON 204-001-044-103)<br>(REPLACED BY NAS1149F0732P) ..... | 1                          | P                            |                    |
| 54                     | NAS1149F0732P      | ...WASHER (USBL ON 204-001-044-103)<br>(REPLACES AN960-716L) .....       | 1                          | SP                           |                    |
| 54                     | AN960JD1016        | ...WASHER (USBL ON 204-001-044-009)<br>(REPLACED BY NAS1149D1063J) ..... | 2                          | P                            |                    |
| 54                     | NAS1149D1063J      | ...WASHER (USBL ON 204-001-044-009)<br>(REPLACES AN960JD1016) .....      | 2                          | SP                           |                    |
| 54                     | 140-009D44S74      | ...WASHER (USBL ON 204-001-044-103) .....                                | 2                          | SP                           |                    |
| 55                     | 204-001-063-001    | ...SPRING .....  | 1                          | SP                           |                    |
| 56                     | 204-001-048-003    | ...SHAFT .....   | 1                          | SP                           |                    |
| 57                     | AN4H-24A           | .BOLT (S/N 30504 THRU 30596, 30604<br>THRU 30610) .....                  | 1                          |                              |                    |
| 57                     | AN4-24A            | .BOLT (S/N 30597 THRU 3060, 30611<br>THRU SUB) .....                     | 1                          | SP                           |                    |
| 58                     | AN4H-24A           | .BOLT .....  | 1                          |                              |                    |
| 59                     | AN4-26A            | .BOLT .....  | 1                          | SP                           |                    |
| 60                     | AN4-25A            | .BOLT .....  | 1                          | SP                           |                    |
| 61                     | NAS1197-416        | .WASHER .....  | 4                          | SP                           |                    |
| 62                     | 204-001-376-003    | .BRAKE ASSY .....  | 1                          | SP                           |                    |
| 63                     | 205-001-033-001    | .TUBE ASSY .....   | 1                          | SP                           |                    |
| 64                     | 204-001-006-001    | ..CLEVIS ASSY .....  | 1                          | SP                           |                    |
| 65                     | 22-006-15-23-16    | ...BUSHING .....   | 2                          | SP                           |                    |
| 66                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) .....                                       | 1                          | NP                           |                    |
| 66                     | MS14144L4          | .NUT (REPLACES MS17825-4) .....  | 1                          | SP                           |                    |
| 67                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) .....                                   | 2                          | NP                           |                    |
| 67                     | AN960JD416         | .WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) ..... | 2                          | P                            |                    |
| 67                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) .....                                      | 2                          | SP                           |                    |
| 68                     | AN174-20           | .BOLT .....  | 1                          | SP                           |                    |
| 69                     | 205-001-011-009    | .TUBE ASSY .....   | 1                          | SP                           |                    |
| 70                     | 204-001-006-001    | ..CLEVIS ASSY .....  | 2                          | SP                           |                    |
| 71                     | 22-006-15-23-16    | ...BUSHING .....   | 2                          | SP                           |                    |
| 72                     | MS17825-3          | .NUT (S/N 35049 THRU SUB)<br>(REPLACED BY MS14144L3) .....               | 2                          | NP                           |                    |
| 72                     | MS14144L3          | .NUT (S/N 35049 THRU SUB)<br>(REPLACES MS17825-3) .....                  | 2                          | SP                           |                    |
| 73                     | NAS1197-10         | .WASHER (S/N 35049 THRU SUB) .....                                       | 1                          | SP                           |                    |
| 74                     | NAS43DD3-48        | .SPACER (S/N 35049 THRU SUB)<br>(REPLACED BY NAS43DD3-48N) .....         | 1                          | P                            |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-13. Control Installation, Anti-torque (Cont'd)</b>                        |                            |                              |                    |
| 74                     | NAS43DD3-48N       | .SPACER (S/N 35049 THRU SUB)<br>(REPLACES NAS43DD3-48) .....                           | 1                          | SP                           |                    |
| 75                     | 50Z10-6.5-2        | .SPACER (S/N 35049 THRU SUB) .....   | 1                          | SP                           |                    |
| 76                     | 20-057-3-22D       | .BOLT (S/N 35049 THRU SUB) .....   | 1                          | SP                           |                    |
| 77                     | 50Z10-6.5-2        | .SPACER (S/N 35049 THRU SUB) .....   | 1                          | SP                           |                    |
| 78                     | AN960PD10          | .WASHER (S/N 35049 THRU SUB)<br>(REPLACED BY AN960JD10) .....                          | 1                          | P                            |                    |
| 78                     | AN960JD10          | .WASHER (S/N 35049 THRU SUB) (REPLACES AN960PD10)<br>(REPLACED BY NAS1149D0363J) ..... | 1                          | P                            |                    |
| 78                     | NAS1149D0363J      | .WASHER (S/N 35049 THRU SUB)<br>(REPLACES AN960JD10) .....                             | 1                          | SP                           |                    |
| 79                     | 20-057-3-8D        | .BOLT (S/N 35049 THRU SUB) .....   | 1                          | SP                           |                    |
| 80                     | 412-074-101-103    | .TRANSDUCER (S/N 35049 THRU SUB) .....   | 1                          | SP                           |                    |
|                        |                    | <b>AVAIL CODE      DEFINITION</b>  |                            |                              |                    |
|                        |                    | P                  Procurable  |                            |                              |                    |
|                        |                    | NP                Non Procurable   |                            |                              |                    |
|                        |                    | SP                Normal Stock/Procurement   |                            |                              |                    |
|                        |                    | See introduction on availability codes for<br>additional information.                  |                            |                              |                    |



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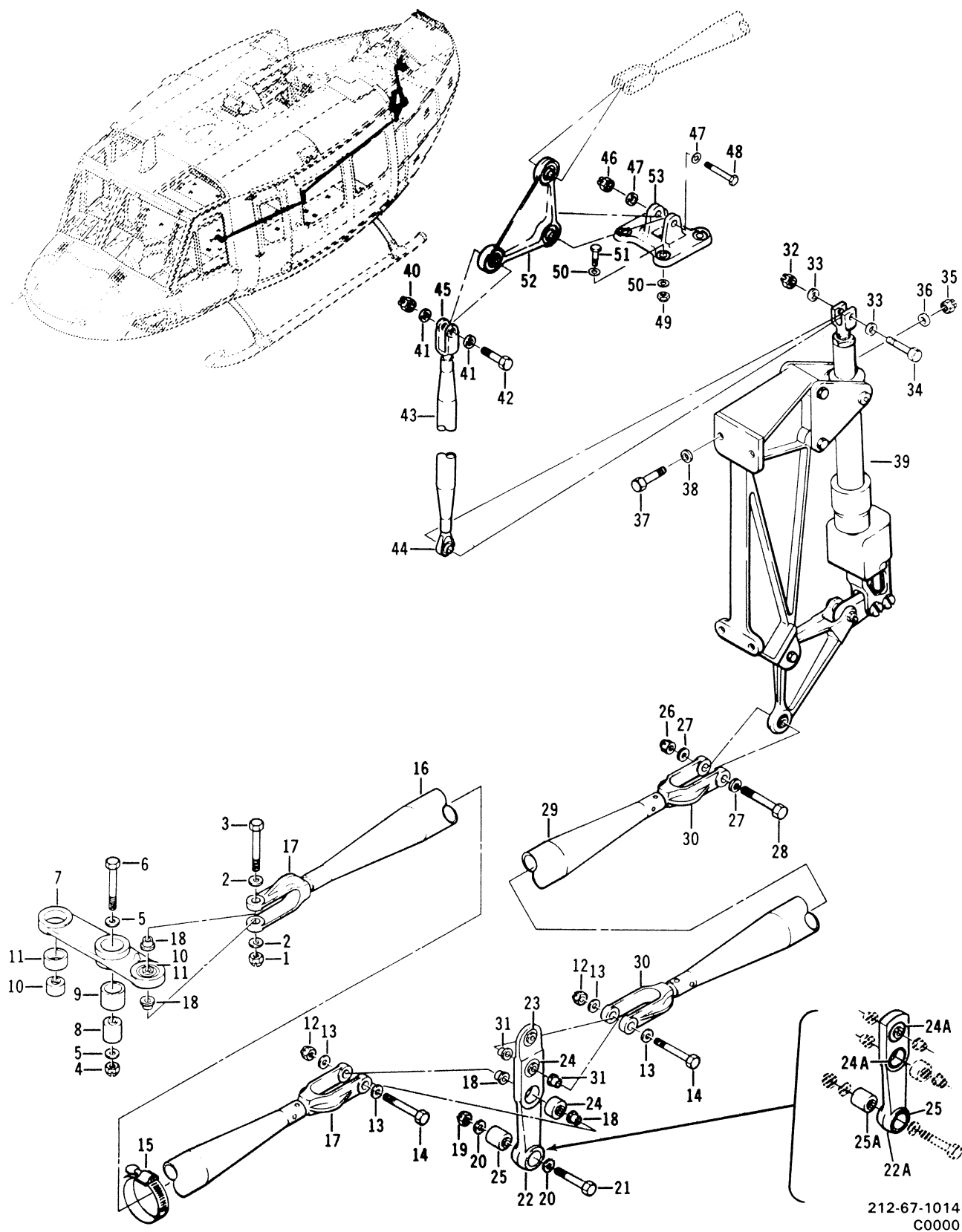


Figure 67-14. Control Installation, anti-torque (30504 thru 30849)

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-14. Control Installation, anti-torque (30504 thru 30849)</b>  |                            |                              |                    |
|                        | 212-001-004-003    | CONTROLS INSTL, ANTI-TORQUE (S/N 30504 THRU . . . . . 30553) (SEE FIG. 13 FOR BALANCE OF BREAKDOWN)                     | REF                        |                              |                    |
|                        | 212-001-004-005    | CONTROLS INSTL, ANTI-TORQUE (S/N 30554 THRU . . . . . 30596, 30604 THRU 30610) (SEE FIG. 13 FOR BALANCE OF BREAKDOWN)   | REF                        |                              |                    |
|                        | 212-001-004-007    | CONTROLS INSTL, ANTI-TORQUE (S/N 30597 THRU . . . . . 30603, 30611 THRU 30849) (SEE FIG. 13 FOR BALANCE OF BREAKDOWN)   | REF                        |                              |                    |
| 1                      | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .  | 1                          |                              |                    |
| 1                      | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .   | 1                          |                              |                    |
| 2                      | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .  | 2                          |                              |                    |
| 2                      | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .   | 2                          |                              |                    |
| 3                      | AN174-20           | .BOLT . . . . .   | 1                          |                              |                    |
| 4                      | MS17825-5          | .NUT (REPLACED BY MS14144L5) . . . . .  | 1                          |                              |                    |
| 4                      | MS14144L5          | .NUT (REPLACES MS17825-5) . . . . .   | 1                          |                              |                    |
| 5                      | AN960PD516         | .WASHER (REPLACED BY AN960JD516) . . . . .  | 2                          |                              |                    |
| 5                      | AN960JD516         | .WASHER (REPLACES AN960PD516) . . . . .   | 2                          |                              |                    |
| 6                      | AN175-17           | .BOLT . . . . .   | 1                          |                              |                    |
| 7                      | 205-001-704-001    | .LEVER ASSY . . . . .   | 1                          |                              |                    |
| 8                      | DW5                | ..BEARING (REPLACED BY MS27647-5) . . . . .   | 1                          |                              |                    |
| 8                      | MS27647-5          | ..BEARING (REPLACES DW5) . . . . .  | 1                          |                              |                    |
| 9                      | 23S6-5A            | ..BUSHING (REPLACED BY 120-015-5A) . . . . .  | 1                          |                              |                    |
| 9                      | 120-015-5A         | ..SLEEVE (REPLACES 23S6-5A) . . . . .   | 1                          |                              |                    |
| 10                     | MS20206DSP4        | ..BEARING (REPLACED BY MS27643-4) . . . . .   | 2                          |                              |                    |
| 10                     | MS27643-4          | ..BEARING (REPLACES MS20206DSP4) . . . . .  | 2                          |                              |                    |
| 11                     | 23S4-4A            | ..BUSHING (REPLACED BY 120-013-4A) . . . . .  | 2                          |                              |                    |
| 11                     | 120-013-4A         | ..SLEEVE (REPLACES 23S4-4A) . . . . .   | 2                          |                              |                    |
| 12                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .  | 2                          |                              |                    |
| 12                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .   | 2                          |                              |                    |
| 13                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .  | 4                          |                              |                    |
| 13                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .   | 4                          |                              |                    |
| 14                     | AN174-20           | .BOLT . . . . .   | 2                          |                              |                    |
| 15                     | AN737TW58          | .CLAMP . . . . .  | 1                          |                              |                    |
| 16                     | 205-001-011-005    | .TUBE ASSY . . . . .  | 1                          |                              |                    |
| 17                     | 204-001-006-001    | ..CLEVIS ASSY . . . . .   | 2                          |                              |                    |
| 18                     | 22-006-15-23-16    | ...BUSHING . . . . .  | 2                          |                              |                    |
| 19                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .  | 1                          |                              |                    |
| 19                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .   | 1                          |                              |                    |
| 20                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .  | 2                          |                              |                    |
| 20                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .   | 2                          |                              |                    |
| 21                     | AN174-16           | .BOLT . . . . .   | 1                          |                              |                    |
| 22                     | 204-001-855-005    | .LEVER ASSY (S/N 30504 THRU 30553) (REPLACED BY . . . . . 204-001-855-001 AND -101)                                     | 1                          |                              |                    |
| 22A                    | 204-001-855-001    | .LEVER ASSY (S/N 30504 THRU 31311, 35001 THRU . . . . . 35088) (REPLACES 204-001-855-005) (REPLACED BY 204-001-855-101) | 1                          |                              |                    |
| 22A                    | 204-001-855-101    | .LEVER ASSY (REPLACES 204-001-855-005 AND -001) . . .   | 1                          |                              |                    |
| 23                     | RSST4              | ..BEARING (USBL ON 204-001-855-005) . . . . . (ALTERNATE PART)  | 2                          |                              |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-14. Control installation, anti-torque (30504 thru 30849) (Cont'd)</b> |                            |                              |                    |
| 23                     | LHSSVV4            | ..BEARING . . . . .   | 2                          |                              |                    |
| 24                     | AN206DSP4          | ..BEARING (S/N 35089 THRU SUB) (REPLACED BY . . . . .<br>MS20206DSP4)               | 2                          |                              |                    |
| 24                     | MS20206DSP4        | ..BEARING (S/N 35089 THRU SUB) (REPLACES . . . . .<br>AN206DSP4)                    | 2                          |                              |                    |
| 24A                    | 120-013-4A         | ..SLEEVE (S/N 35089 THRU SUB) . . . . .   | 2                          |                              |                    |
| 25                     | DW4                | ..BEARING . . . . .<br>(ALTERNATE PART)   | 1                          |                              |                    |
| 25                     | 20-082-4           | ..BEARING (REPLACED BY MS27647-4) . . . . .   | 1                          |                              |                    |
| 25                     | MS27647-4          | ..BEARING (REPLACES 20-082-4) . . . . .   | 1                          |                              |                    |
| 25A                    | 120-015-4KA        | ..SLEEVE (S/N 35089 THRU SUB) . . . . .   | 1                          |                              |                    |
| 26                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .  | 1                          |                              |                    |
| 26                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .   | 1                          |                              |                    |
| 27                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .  | 2                          |                              |                    |
| 27                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .   | 2                          |                              |                    |
| 28                     | AN174-20           | .BOLT . . . . .   | 1                          |                              |                    |
| 29                     | 205-001-011-001    | .TUBE ASSY . . . . .  | 1                          |                              |                    |
| 30                     | 204-001-006-001    | ..CLEVIS ASSY . . . . .   | 2                          |                              |                    |
| 31                     | 22-006-15-23-16    | ...BUSHING . . . . .  | 2                          |                              |                    |
| 32                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .  | 1                          |                              |                    |
| 32                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .   | 1                          |                              |                    |
| 33                     | AN960C416          | .WASHER . . . . .   | 2                          |                              |                    |
| 34                     | AN174-12           | .BOLT . . . . .   | 1                          |                              |                    |
| 35                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) . . . . .  | 4                          |                              |                    |
| 35                     | MS21042L4          | .NUT (REPLACES NAS679A4) . . . . .  | 4                          |                              |                    |
| 36                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .  | 4                          |                              |                    |
| 36                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .   | 4                          |                              |                    |
| 37                     | AN174-14A          | .BOLT . . . . .   | 4                          |                              |                    |
| 38                     | NAS1197-416        | .WASHER . . . . .   | 4                          |                              |                    |
| 39                     | 212-001-720-003    | .CYLINDER AND SUPPORT (SEE FIG. 18 FOR BREAKDOWN) . .                               | 1                          |                              |                    |
| 40                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .  | 1                          |                              |                    |
| 40                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .   | 1                          |                              |                    |
| 41                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .  | 2                          |                              |                    |
| 41                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .   | 2                          |                              |                    |
| 42                     | NAS1304-17D        | .BOLT (REPLACED BY NAS6604D17) . . . . .  | 1                          |                              |                    |
| 42                     | NAS6604D17         | .BOLT (REPLACES NAS1304-17D) . . . . .  | 1                          |                              |                    |
| 43                     | 212-001-056-001    | .TUBE ASSY . . . . .  | 1                          |                              |                    |
| 44                     | 209-001-053-001    | ..BEARING . . . . .   | 1                          |                              |                    |
| 45                     | 212-001-059-003    | ..CLEVIS . . . . .<br>(ALTERNATE PART)  | 1                          |                              |                    |
| 45                     | 212-001-059-105    | ..CLEVIS . . . . .  | 1                          |                              |                    |
| 46                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .  | 1                          |                              |                    |
| 46                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .   | 1                          |                              |                    |
| 47                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .  | 2                          |                              |                    |
| 47                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .   | 2                          |                              |                    |
| 48                     | NAS1304-21D        | .BOLT (REPLACED BY NAS6604D21) . . . . .  | 1                          |                              |                    |
| 48                     | NAS6604D21         | .BOLT (REPLACES NAS1304-21D) . . . . .  | 1                          |                              |                    |
| 49                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) . . . . .  | 4                          |                              |                    |
| 49                     | MS21042L4          | .NUT (REPLACES NAS679A4) . . . . .  | 4                          |                              |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-14. Control installation, anti-torque (30504 thru 30849) (Cont'd)</b> |                            |                              |                    |
| 50                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .  | 8                          |                              |                    |
| 50                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .   | 8                          |                              |                    |
| 51                     | AN4-15A            | .BOLT . . . . .   | 4                          |                              |                    |
| 52                     | 212-001-710-001    | .BELLCRANK ASSY . . . . .   | 1                          |                              |                    |
| 53                     | 205-001-733-005    | .SUPPORT . . . . .  | 1                          |                              |                    |

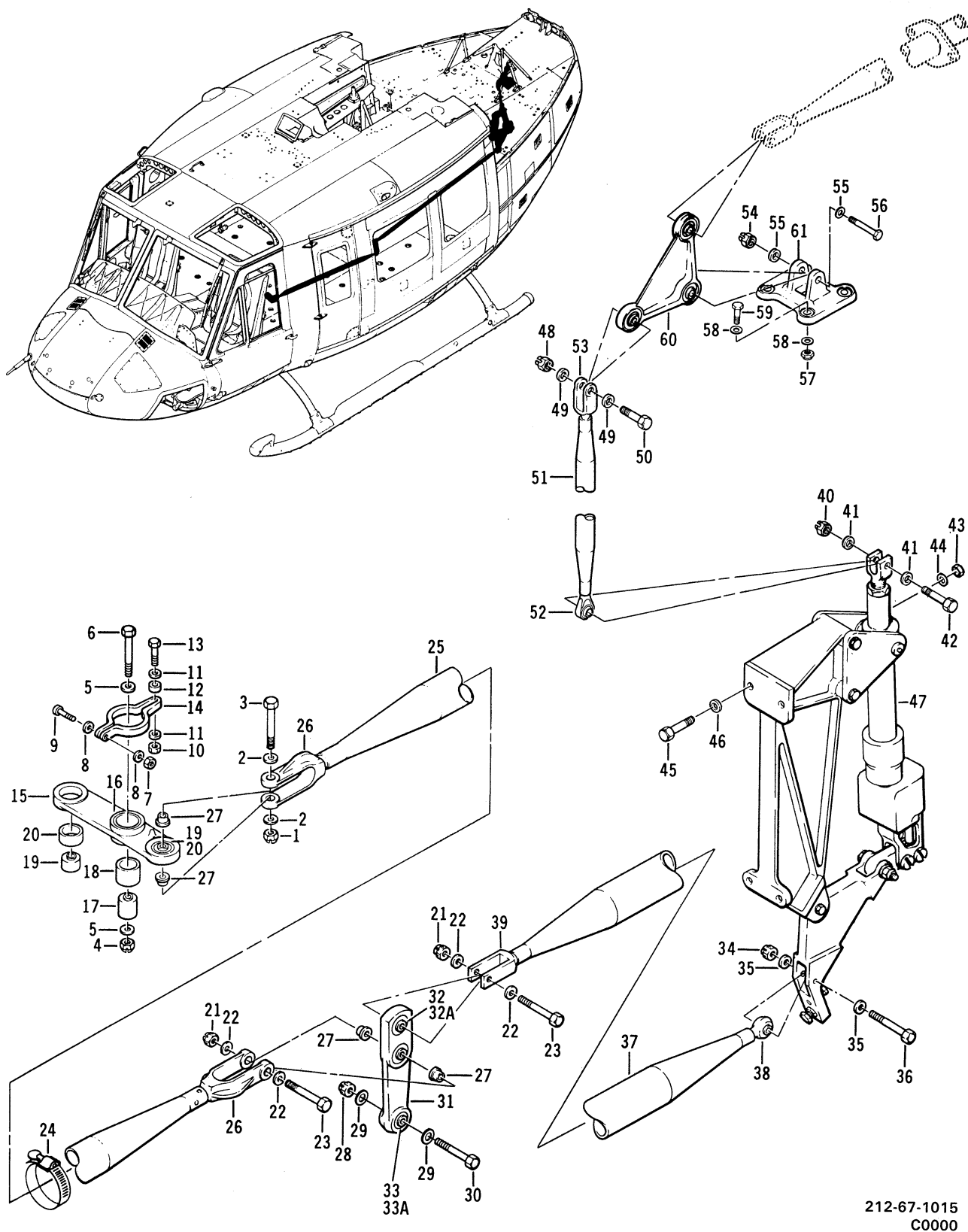


Figure 67-15. Control installation, anti-torque (30850 thru sub)

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-15. Control installation, anti-torque (30850 thru sub</b>   |                            |                              |                    |
|                        | 212-001-004-009    | CONTROLS INSTL, ANTI-TORQUE (S/N 30850 THRU . . . . . 31311, 35001 THRU 35048) (SEE FIG. 13 FOR BALANCE OF BREAKDOWN) | REF                        |                              |                    |
|                        | 212-001-004-105    | CONTROLS INSTL, ANTI-TORQUE (S/N 35049 THRU SUB) . . .  | REF                        |                              |                    |
| 1                      | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .  | 1                          |                              |                    |
| 1                      | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .   | 1                          |                              |                    |
| 2                      | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .  | 2                          |                              |                    |
| 2                      | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .   | 2                          |                              |                    |
| 3                      | AN174-20           | .BOLT . . . . .   | 1                          |                              |                    |
| 4                      | MS17825-5          | .NUT (REPLACED BY MS14144L5) . . . . .  | 1                          |                              |                    |
| 4                      | MS14144L5          | .NUT (REPLACES MS17825-5) . . . . .   | 1                          |                              |                    |
| 5                      | AN960JD516         | .WASHER . . . . .   | 2                          |                              |                    |
| 6                      | 20-057-5-25D       | .BOLT . . . . .   | 1                          |                              |                    |
| 7                      | MS21042L08         | .NUT . . . . .  | 1                          |                              |                    |
| 8                      | AN960-8            | .WASHER . . . . .   | 2                          |                              |                    |
| 9                      | MS27039-0812       | .SCREW . . . . .  | 1                          |                              |                    |
| 10                     | MS21042L4          | .NUT . . . . .  | 1                          |                              |                    |
| 11                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .  | 2                          |                              |                    |
| 11                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .   | 2                          |                              |                    |
| 12                     | NAS43DD4-12        | .SPACER . . . . .   | 1                          |                              |                    |
| 13                     | AN4-11A            | .BOLT . . . . .   | 1                          |                              |                    |
| 14                     | 206-001-710-001    | .CLAMP . . . . .  | 1                          |                              |                    |
| 15                     | 212-001-747-001    | .WALKING BEAM ASSY . . . . .  | 1                          |                              |                    |
| 16                     | 206-001-708-001    | ..SLEEVE . . . . .  | 1                          |                              |                    |
| 17                     | MS27647-5          | ..BEARING . . . . .   | 1                          |                              |                    |
|                        |                    | (ALTERNATE PART)  |                            |                              |                    |
| 17                     | 20-082-5           | ..BEARING (REPLACED BY MS27647-5) . . . . .   | 1                          |                              |                    |
| 17                     | MS27647-5          | ..BEARING (REPLACES 20-082-5) . . . . .   | 1                          |                              |                    |
| 18                     | 120-015-5A         | ..SLEEVE . . . . .  | 1                          |                              |                    |
| 19                     | MS27643-4          | ..BEARING . . . . .   | 2                          |                              |                    |
| 20                     | 120-013-4A         | ..SLEEVE . . . . .  | 2                          |                              |                    |
| 21                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .  | 2                          |                              |                    |
| 21                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .   | 2                          |                              |                    |
| 22                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .  | 4                          |                              |                    |
| 22                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .   | 4                          |                              |                    |
| 23                     | AN174-20           | .BOLT . . . . .   | 2                          |                              |                    |
| 24                     | AN737TW58          | .CLAMP . . . . .  | 1                          |                              |                    |
| 25                     | 205-001-011-005    | .TUBE ASSY . . . . .  | 1                          |                              |                    |
| 26                     | 204-001-006-001    | ..CLEVIS ASSY . . . . .   | 2                          |                              |                    |
| 27                     | 22-006-15-23-16    | ...BUSHING . . . . .  | 2                          |                              |                    |
| 28                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .  | 1                          |                              |                    |
| 28                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .   | 1                          |                              |                    |
| 29                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .  | 2                          |                              |                    |
| 29                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .   | 2                          |                              |                    |
| 30                     | AN174-16           | .BOLT . . . . .   | 1                          |                              |                    |
| 31                     | 204-001-855-001    | .LEVER ASSY (S/N 30850 THRU 31311, 35001 THRU . . . . . 35088) (REPLACED BY 204-001-855-101)                          | 1                          |                              |                    |
| 31                     | 204-001-855-101    | .LEVER ASSY (REPLACES 204-001-855-001) . . . . .  | 1                          |                              |                    |
| 32                     | MS20206DSP4        | ..BEARING (REPLACED BY MS27643-4) . . . . .   | 2                          |                              |                    |





| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-15. Control installation, anti-torque (30850 thru sub (Cont'd)</b> |                            |                              |                    |
| 32                     | MS27643-4          | ..BEARING (REPLACES MS20206DSP4) . . . . .                                       | 2                          |                              |                    |
| 32A                    | 120-013-4A         | ..SLEEVE (S/N 35089 THRU SUB) . . . . .  | 2                          |                              |                    |
| 33                     | DW4                | ..BEARING . . . . .  | 1                          |                              |                    |
| 33A                    | 120-015-4KA        | ..SLEEVE (S/N 35089 THRU SUB) . . . . .  | 1                          |                              |                    |
| 34                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .   | 1                          |                              |                    |
| 34                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .  | 1                          |                              |                    |
| 35                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .                                       | 2                          |                              |                    |
| 35                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .  | 2                          |                              |                    |
| 36                     | 20-057-4-18D       | .BOLT . . . . .  | 1                          |                              |                    |
| 37                     | 212-001-755-001    | .TUBE ASSY . . . . .   | 1                          |                              |                    |
| 38                     | MS21151-9          | ..BEARING . . . . .  | 1                          |                              |                    |
| 39                     | 212-001-059-003    | ..CLEVIS . . . . .   | 1                          |                              |                    |
|                        |                    | (ALTERNATE PART)   |                            |                              |                    |
| 39                     | 212-001-059-105    | ..CLEVIS . . . . .   | 1                          |                              |                    |
| 40                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .   | 1                          |                              |                    |
| 40                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .  | 1                          |                              |                    |
| 41                     | AN960C416          | .WASHER . . . . .  | 2                          |                              |                    |
| 42                     | AN174-12           | .BOLT . . . . .  | 1                          |                              |                    |
| 43                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) . . . . .   | 4                          |                              |                    |
| 43                     | MS21042L4          | .NUT (REPLACES NAS679A4) . . . . .   | 4                          |                              |                    |
| 44                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .                                       | 4                          |                              |                    |
| 44                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .  | 4                          |                              |                    |
| 45                     | AN174-14A          | .BOLT . . . . .  | 4                          |                              |                    |
| 46                     | NAS1197-416        | .WASHER . . . . .  | 4                          |                              |                    |
| 47                     | 212-001-720-005    | .CYLINDER AND SUPPORT ASSEMBLY (SEE FIG. 18 FOR . . . .<br>BREAKDOWN)            | 1                          |                              |                    |
| 48                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .   | 1                          |                              |                    |
| 48                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .  | 1                          |                              |                    |
| 49                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .                                       | 2                          |                              |                    |
| 49                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .  | 2                          |                              |                    |
| 50                     | NAS1304-17D        | .BOLT (REPLACED BY NAS6604D17) . . . . .   | 1                          |                              |                    |
| 50                     | NAS6604D17         | .BOLT (REPLACES NAS1304-17D) . . . . .   | 1                          |                              |                    |
| 51                     | 212-001-056-001    | .TUBE ASSY . . . . .   | 1                          |                              |                    |
| 52                     | 209-001-053-001    | ..BEARING . . . . .  | 1                          |                              |                    |
| 53                     | 212-001-059-003    | ..CLEVIS . . . . .   | 1                          |                              |                    |
|                        |                    | (ALTERNATE PART)   |                            |                              |                    |
| 53                     | 212-001-059-105    | ..CLEVIS . . . . .   | 1                          |                              |                    |
| 54                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .   | 1                          |                              |                    |
| 54                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .  | 1                          |                              |                    |
| 55                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .                                       | 2                          |                              |                    |
| 55                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .  | 2                          |                              |                    |
| 56                     | NAS1304-21D        | .BOLT (REPLACED BY NAS6604D21) . . . . .   | 1                          |                              |                    |
| 56                     | NAS6604D21         | .BOLT (REPLACES NAS1304-21D) . . . . .   | 1                          |                              |                    |
| 57                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) . . . . .   | 4                          |                              |                    |
| 57                     | MS21042L4          | .NUT (REPLACES NAS679A4) . . . . .   | 4                          |                              |                    |
| 58                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .                                       | 8                          |                              |                    |
| 58                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .  | 8                          |                              |                    |
| 59                     | AN4-15A            | .BOLT . . . . .  | 4                          |                              |                    |
| 60                     | 212-001-710-001    | .BELLCRANK ASSY . . . . .  | 1                          |                              |                    |
| 61                     | 205-001-733-005    | .SUPPORT . . . . .   | 1                          |                              |                    |

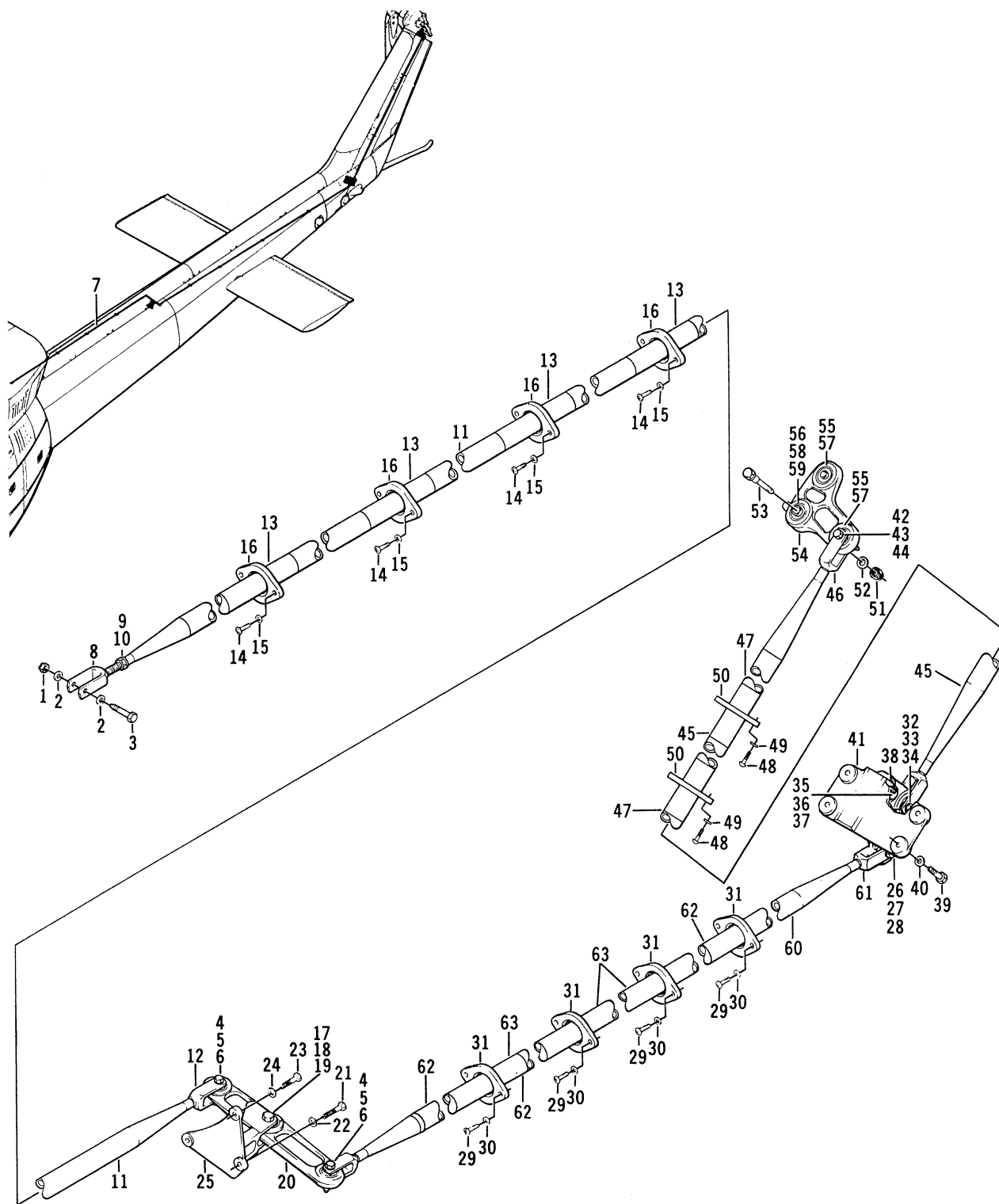


Figure 67-16. Control installation, anti-torque

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-16. Control Installation, Anti-torque</b>                   |                            |                              |                    |
|                        | 212-001-002-003    | CONTROLS INSTL, ANTI-TORQUE<br>(S/N 30680 THRU 30849) .....              | 1                          | NP                           |                    |
|                        | 212-001-009-003    | CONTROLS INSTL, ANTI-TORQUE<br>(S/N 30850 THRU 31174) .....              | 1                          | NP                           |                    |
|                        | 212-001-009-101    | CONTROLS INSTL, ANTI-TORQUE<br>(S/N 31175 THRU 31274) .....              | 1                          | NP                           |                    |
|                        | 212-001-009-103    | CONTROLS INSTL, ANTI-TORQUE<br>(S/N 31275 THRU SUB) .....                | 1                          | NP                           |                    |
| 1                      | MS17825-4          | .NUT (REPLACED BY MS14144L4) .....                                       | 1                          | NP                           |                    |
| 1                      | MS14144L4          | .NUT (REPLACES MS17825-4) .....  | 1                          | SP                           |                    |
| 2                      | AN960C416          | .WASHER, FLAT (REPLACED BY NAS1149C0463R) .....                          | 2                          | P                            |                    |
| 2                      | NAS1149C0463R      | .WASHER (REPLACES AN960C416) .....                                       | 2                          | SP                           |                    |
| 3                      | NAS1304-17D        | .BOLT (S/N 30540 THRU 30849)<br>(REPLACED BY 20-057-4-17D) .....         | 1                          | P                            |                    |
| 3                      | 20-057-4-17D       | .BOLT (REPLACES NAS1304-17D) .....                                       | 1                          | SP                           |                    |
| 4                      | MS17825-4          | .NUT (REPLACED BY MS14144L4) .....                                       | 2                          | NP                           |                    |
| 4                      | MS14144L4          | .NUT (REPLACES MS17825-4) .....  | 2                          | SP                           |                    |
| 5                      | AN960C416          | .WASHER, FLAT (REPLACED BY NAS1149C0463R) .....                          | 4                          | P                            |                    |
| 5                      | NAS1149C0463R      | .WASHER (REPLACES AN960C416) .....                                       | 4                          | SP                           |                    |
| 6                      | NAS1304-17D        | .BOLT (S/N 30504 THRU 30849)<br>(REPLACED BY 20-057-4-17D) .....         | 2                          | P                            |                    |
| 6                      | 20-057-4-17D       | .BOLT (REPLACES NAS1304-17D) .....                                       | 2                          | SP                           |                    |
| 7                      | 212-001-053-001    | .TUBE ASSY (S/N 30680 THRU 30889)<br>(REPLACED BY 212-001-053-101) ..... | 1                          | NP                           |                    |
| 7                      | 212-001-053-101    | .TUBE ASSY (REPLACES 212-001-053-001) .....                              | 1                          | SP                           |                    |
| 8                      | 212-001-059-001    | ..CLEVIS .....   | 1                          | SP                           |                    |
|                        |                    | (ALTERNATE PART)   |                            |                              |                    |
| 8                      | 212-001-059-103    | ..CLEVIS .....   | 1                          | P                            |                    |
| 9                      | AN316C6R           | ..NUT .....  | 1                          | SP                           |                    |
| 10                     | AN960JD616         | ..WASHER, FLAT (REPLACED BY NAS1149D0663J) .....                         | 1                          | P                            |                    |
| 10                     | NAS1149D0663J      | ..WASHER (REPLACES AN960JD616) .....                                     | 1                          | SP                           |                    |
| 11                     | 212-001-053-005    | ..TUBE ASSY .....  | 1                          | P                            |                    |
| 12                     | 212-001-059-003    | ...CLEVIS .....  | 1                          | NP                           |                    |
|                        |                    | (ALTERNATE PART)   |                            |                              |                    |
| 12                     | 212-001-059-105    | ...CLEVIS .....  | 1                          | SP                           |                    |
| 13                     | 120-110-4A10       | ..STRIP (REPLACED BY 120-110-4A10W) .....                                | 4                          | NP                           |                    |
| 13                     | 120-110-4A10W      | ..STRIP (REPLACES 120-110-4A10) .....                                    | 4                          | SP                           |                    |
| 14                     | MS27039-1-12       | .SCREW (S/N 30504 THRU 30849) .....                                      | 8                          | SP                           |                    |
| 14                     | MS27039-1-10       | .SCREW (S/N 30850 THRU SUB) .....  | 8                          | SP                           |                    |
| 15                     | AN960-10           | .WASHER (REPLACED BY NAS1149F0363P) .....                                | 8                          | P                            |                    |
| 15                     | NAS1149F0363P      | .WASHER (REPLACES AN960-10) .....  | 8                          | SP                           |                    |
| 16                     | 205-001-735-003    | .GROMMET (S/N 30504 THRU 30849)<br>(REPLACED BY 60-008-9) .....          | 4                          | P                            |                    |
| 16                     | 60-008-9           | .GROMMET (S/N 30504 THRU SUB)<br>(REPLACES 205-001-735-003) .....        | 4                          | SP                           |                    |
| 17                     | MS17825-5          | .NUT (REPLACED BY MS14144L5) .....                                       | 1                          | NP                           |                    |
| 17                     | MS14144L5          | .NUT (REPLACES MS17825-5) .....  | 1                          | SP                           |                    |
| 18                     | AN960C516          | .WASHER (REPLACED BY NAS1149C0563R) .....                                | 2                          | P                            |                    |
| 18                     | NAS1149C0563R      | .WASHER (REPLACES AN960C516) .....                                       | 2                          | SP                           |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-16. Control Installation, Anti-torque (Cont'd)</b>          |                            |                              |                    |
| 19                     | NAS1305-21D        | .BOLT (S/N 30504 THRU 30849)<br>(REPLACED BY 20-057-4-21D) .....         | 1                          | P                            |                    |
| 19                     | 20-057-5-21D       | .BOLT (REPLACES NAS1304-21D) .....                                       | 1                          | SP                           |                    |
| 20                     | 212-001-708-001    | .WALKING BEAM ASSY .....   | 1                          | SP                           |                    |
| 21                     | AN4-10A            | .BOLT .....  | 2                          | SP                           |                    |
| 22                     | AN960C416          | .WASHER, FLAT (REPLACED BY NAS1149C0463R) .....                          | 2                          | P                            |                    |
| 22                     | NAS1149C0463R      | .WASHER (REPLACES AN960C416) .....                                       | 2                          | SP                           |                    |
| 23                     | AN4-10A            | .BOLT .....  | 1                          | SP                           |                    |
| 24                     | AN960C416          | .WASHER, FLAT (REPLACED BY NAS1149C0463R) .....                          | 1                          | P                            |                    |
| 24                     | NAS1149C0463R      | .WASHER (REPLACES AN960C416) .....                                       | 1                          | SP                           |                    |
| 25                     | 212-001-707-003    | .SUPPORT .....   | 1                          | SP                           |                    |
|                        |                    | (ALTERNATE PART)   |                            |                              |                    |
| 25                     | 212-001-715-003    | .SUPPORT .....   | 1                          | P                            |                    |
| 26                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) .....                                       | 1                          | NP                           |                    |
| 26                     | MS14144L4          | .NUT (REPLACES MS17825-4) .....  | 1                          | SP                           |                    |
| 27                     | AN960C416          | .WASHER, FLAT (REPLACED BY NAS1149C0463R) .....                          | 2                          | P                            |                    |
| 27                     | NAS1149C0463R      | .WASHER (REPLACES AN960C416) .....                                       | 2                          | SP                           |                    |
| 28                     | NAS1304-17D        | .BOLT (S/N 30504 THRU 30849)<br>(REPLACED BY 20-057-4-17D) .....         | 1                          | P                            |                    |
| 28                     | 20-057-4-17D       | .BOLT (REPLACES NAS1304-17D) .....                                       | 1                          | SP                           |                    |
| 29                     | MS27039-1-12       | .SCREW (S/N 30504 THRU 30849) .....                                      | 8                          | SP                           |                    |
| 29                     | MS27039-1-10       | .SCREW (S/N 30850 THRU SUB) .....  | 8                          | SP                           |                    |
| 30                     | AN960-10           | .WASHER (REPLACED BY NAS1149F0363P) .....                                | 8                          | P                            |                    |
| 30                     | NAS1149F0363P      | .WASHER (REPLACES AN960-10) .....  | 8                          | SP                           |                    |
| 31                     | 205-001-735-001    | .GROMMET (S/N 30504 THRU 30849)<br>(REPLACED BY 60-008-9) .....          | 4                          | NP                           |                    |
| 31                     | 60-008-9           | .GROMMET (S/N 30504 THRU SUB)<br>(REPLACES 205-001-735-001) .....        | 4                          | SP                           |                    |
| 32                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) .....                                       | 1                          | NP                           |                    |
| 32                     | MS14144L4          | .NUT (REPLACES MS17825-4) .....  | 1                          | SP                           |                    |
| 33                     | AN960C416          | .WASHER, FLAT (REPLACED BY NAS1149C0463R) .....                          | 2                          | P                            |                    |
| 33                     | NAS1149C0463R      | .WASHER (REPLACES AN960C416) .....                                       | 2                          | SP                           |                    |
| 34                     | NAS1304-16D        | .BOLT (S/N 30504 THRU 30849)<br>(REPLACED BY 20-057-4-16D) .....         | 1                          | P                            |                    |
| 34                     | 20-057-4-16D       | .BOLT (REPLACES NAS1304-16D) .....                                       | 1                          | SP                           |                    |
| 35                     | MS17825-5          | .NUT (REPLACED BY MS14144L5) .....                                       | 1                          | NP                           |                    |
| 35                     | MS14144L5          | .NUT (REPLACES MS17825-5) .....  | 1                          | SP                           |                    |
| 36                     | AN960JD516         | .WASHER, FLAT (REPLACED BY NAS1149D0563J) .....                          | 2                          | P                            |                    |
| 36                     | NAS1149D0563J      | .WASHER (REPLACES AN960JD516) .....                                      | 2                          | SP                           |                    |
| 37                     | NAS1305-23D        | .BOLT (S/N 30504 THRU 30849)<br>(REPLACED BY 20-057-4-23D) .....         | 1                          | P                            |                    |
| 37                     | 20-057-4-23D       | .BOLT (REPLACES NAS1304-23D) .....                                       | 1                          | SP                           |                    |
| 38                     | 212-001-705-001    | .BELLCRANK ASSY .....  | 1                          | SP                           |                    |
| 39                     | AN4-12A            | .BOLT .....  | 4                          | SP                           |                    |
| 40                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) .....                                   | 4                          | NP                           |                    |
| 40                     | AN960JD416         | .WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) ..... | 4                          | P                            |                    |
| 40                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) .....                                      | 4                          | SP                           |                    |
| 41                     | 212-001-706-001    | .SUPPORT .....   | 1                          | SP                           |                    |
| 42                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) .....                                       | 1                          | NP                           |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-16. Control Installation, Anti-torque (Cont'd)</b>               |                            |                              |                    |
| 42                     | MS14144L4          | .NUT (REPLACES MS17825-4) .....   | 1                          | SP                           |                    |
| 43                     | AN960C416          | .WASHER, FLAT (REPLACED BY NAS1149C0463R) .....                               | 2                          | P                            |                    |
| 43                     | NAS1149C0463R      | .WASHER (REPLACES AN960C416) .....  | 2                          | SP                           |                    |
| 44                     | NAS1304-16D        | .BOLT (S/N 30504 THRU 30849)<br>(REPLACED BY 20-057-4-16D) .....              | 1                          | P                            |                    |
| 44                     | 20-057-4-16D       | .BOLT (REPLACES NAS1304-16D) .....  | 1                          | SP                           |                    |
| 45                     | 212-001-055-001    | .TUBE ASSY (REPLACED BY 212-001-055-101) .....                                | 1                          | NP                           |                    |
| 45                     | 212-001-055-101    | .TUBE ASSY (REPLACES 212-001-055-001) .....                                   | 1                          | SP                           |                    |
| 46                     | 212-001-058-003    | ..CLEVIS .....  | 2                          | SP                           |                    |
|                        |                    | (ALTERNATE PART)  |                            |                              |                    |
| 46                     | 212-001-058-103    | ..CLEVIS .....  | 2                          | P                            |                    |
| 47                     | 120-110-5A08       | ..STRIP (REPLACED BY 120-110-5A08W) .....                                     | 4                          | NP                           |                    |
| 47                     | 120-110-5A08W      | ..STRIP (REPLACES 120-110-5A08) .....   | 4                          | SP                           |                    |
| 48                     | MS27039-1-12       | .SCREW .....  | 4                          | SP                           |                    |
| 49                     | AN960-10           | .WASHER (REPLACED BY NAS1149F0363P) .....                                     | 4                          | P                            |                    |
| 49                     | NAS1149F0363P      | .WASHER (REPLACES AN960-10) .....   | 4                          | SP                           |                    |
| 50                     | 209-001-727-003    | .GUIDE (S/N 30504 THRU 30849)<br>(REPLACED BY 212-001-905-001) .....          | 2                          | NP                           |                    |
| 50                     | 212-001-905-001    | .GUIDE (S/N 30504 THRU 30849)<br>(REPLACES 209-001-727-003) .....             | 1                          | SP                           |                    |
| 50                     | 212-001-905-003    | .GUIDE (S/N 30850 THRU 31274) .....   | 2                          | SP                           |                    |
| 51                     | MS17825-5          | .NUT (REPLACED BY MS14144L5) .....  | 1                          | NP                           |                    |
| 51                     | MS14144L5          | .NUT (REPLACES MS17825-5) .....   | 1                          | SP                           |                    |
| 52                     | NAS1197-516        | .WASHER .....   | 1                          | SP                           |                    |
| 53                     | 209-001-776-001    | .BOLT (REPLACED BY 209-001-776-003) .....                                     | 1                          | NP                           |                    |
| 53                     | 209-001-776-003    | .BOLT (REPLACES 209-001-776-001) .....  | 1                          | SP                           |                    |
| 54                     | 212-001-712-001    | .BELLCRANK ASSY (S/N 30504 THRU 31134)<br>(REPLACED BY 212-001-712-101) ..... | 1                          | NP                           |                    |
| 54                     | 212-001-712-101    | .BELLCRANK ASSY (S/N 31135 THRU 31174)<br>(REPLACES 212-001-712-001) .....    | 1                          | SP                           |                    |
| 54                     | 212-001-759-101    | .BELLCRANK ASSY (S/N 31175 THRU SUB) .....                                    | 1                          | SP                           |                    |
| 55                     | DSRP-4             | ..BEARING .....   | 2                          |                              |                    |
| 56                     | MDW5               | ..BEARING (REPLACED BY MS27647-5) .....                                       | 1                          | NP                           |                    |
| 56                     | MS27647-5          | ..BEARING (REPLACES MDW5) .....   | 1                          | SP                           |                    |
| 57                     | 120-013-4A         | ..SLEEVE .....  | 2                          | SP                           |                    |
| 58                     | MS27647-5          | ..BEARING (S/N 31135 THRU SUB) .....  | 1                          | SP                           |                    |
| 59                     | 120-015-5A         | ..SLEEVE (S/N 31135 THRU SUB) .....   | 1                          | SP                           |                    |
| 60                     | 212-001-052-001    | .TUBE ASSY (REPLACED BY 212-001-052-101) .....                                | 1                          | NP                           |                    |
| 60                     | 212-001-052-101    | .TUBE ASSY (REPLACES 212-001-052-001) .....                                   | 1                          | SP                           |                    |
| 61                     | 212-001-059-003    | ..CLEVIS .....  | 2                          | NP                           |                    |
|                        |                    | (ALTERNATE PART)  |                            |                              |                    |
| 61                     | 212-001-059-105    | ..CLEVIS .....  | 1                          | SP                           |                    |
| 62                     | 120-110-4A11       | ..STRIP (REPLACED BY 120-110-4A11W) .....                                     | 2                          | NP                           |                    |
| 62                     | 120-110-4A11W      | ..STRIP (REPLACES 120-110-4A11) .....   | 2                          | SP                           |                    |
| 63                     | 120-110-4A29       | ..STRIP .....   | 3                          | SP                           |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <p>Figure 67-16. Control Installation, Anti-torque (Cont'd)</p> <p>AVAIL CODE      DEFINITION</p> <p>P                    Procurable</p> <p>NP                  Non Procurable</p> <p>SP                  Normal Stock/Procurable</p> <p>See introduction on availability codes for additional information.</p> |                            |                              |                    |

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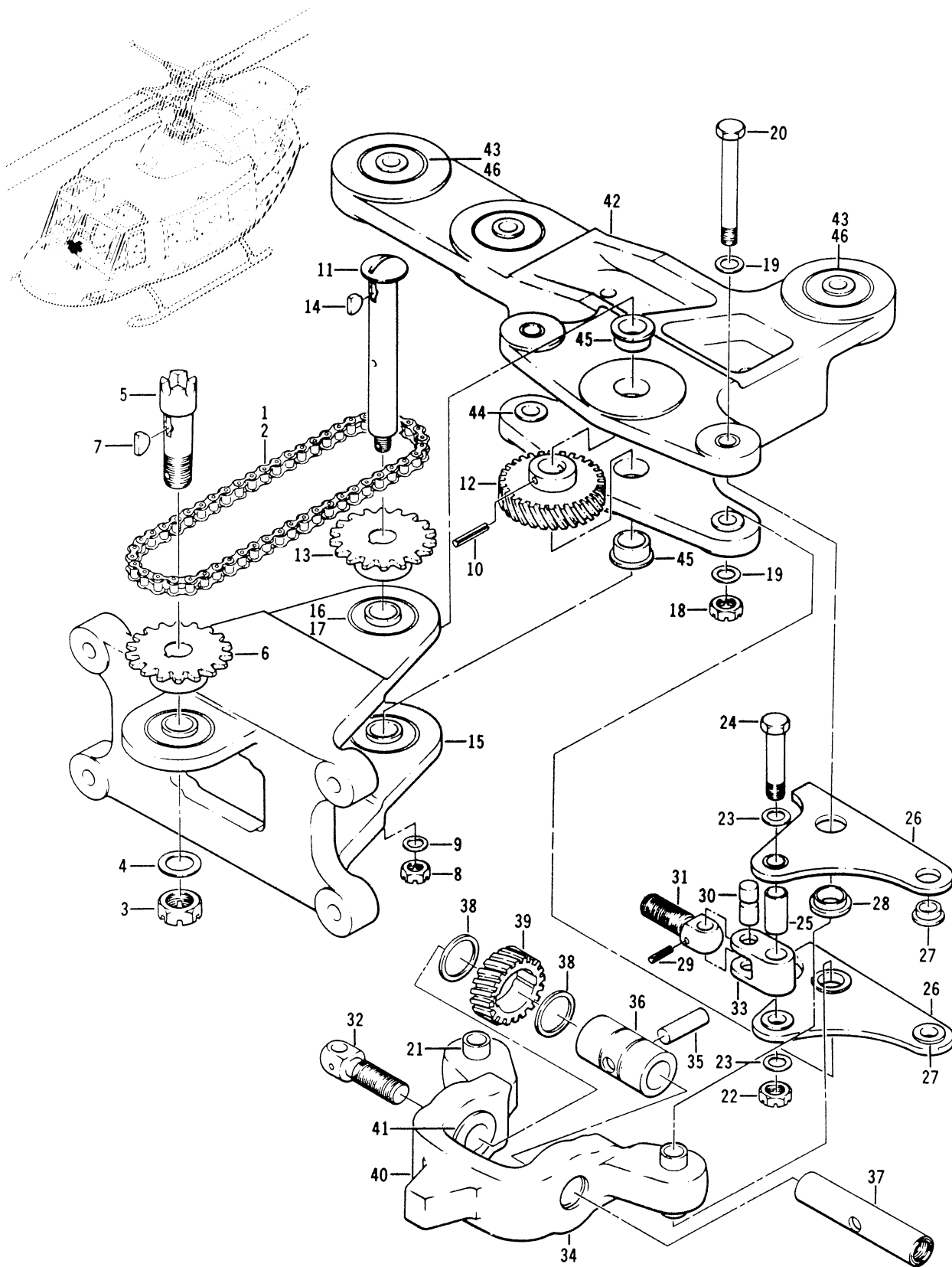


Figure 67-17. Adjuster assembly



| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-17. Adjuster assembly</b>                             |                            |                              |                    |
|                        | 204-001-762-013    | ADJUSTER ASSY (S/N 30504 THRU 30849) (SEE FIG. 13 . . .<br>FOR NHA) | REF                        |                              |                    |
|                        | 204-001-762-023    | ADJUSTER ASSY (S/N 30850 THRU SUB) (SEE FIG. 13 FOR . .<br>NHA)     | REF                        |                              |                    |
| 1                      | 204-001-736-001    | .CHAIN ASSY . . . . .   | 1                          |                              |                    |
| 2                      | C4189              | ..LINK (REPLACED BY C4189CL08) . . . . .                            | 1                          |                              |                    |
| 2                      | C4189CL08          | ..LINK (REPLACES C4189) . . . . .                                   | 1                          |                              |                    |
| 3                      | MS17825-6          | .NUT (REPLACED BY MS14144L6) . . . . .                              | 1                          |                              |                    |
| 3                      | MS14144L6          | .NUT (REPLACES MS17825-6) . . . . .                                 | 1                          |                              |                    |
| 4                      | AN960PD616         | .WASHER (REPLACED BY AN960JD616) . . . . .                          | 1                          |                              |                    |
| 4                      | AN960JD616         | .WASHER (REPLACES AN960PD616) . . . . .                             | 1                          |                              |                    |
| 5                      | 204-001-717-001    | .BOLT . . . . .   | 1                          |                              |                    |
| 6                      | 204-001-712-001    | .SPROCKET . . . . .   | 1                          |                              |                    |
| 7                      | MS35756-32         | .KEY . . . . .  | 1                          |                              |                    |
| 8                      | MS17826-4          | .NUT (REPLACED BY MS14145L4) . . . . .                              | 1                          |                              |                    |
| 8                      | MS14145L4          | .NUT (REPLACES MS17826-4) . . . . .                                 | 1                          |                              |                    |
| 9                      | AN960-416          | .WASHER (REPLACED BY AN960C416) . . . . .                           | 1                          |                              |                    |
| 9                      | AN960C416          | .WASHER (REPLACES AN960-416) . . . . .                              | 1                          |                              |                    |
| 10                     | MS171498           | .PIN (REPLACED BY NAS561C3-10) . . . . .                            | 1                          |                              |                    |
| 10                     | NAS561C3-10        | .PIN (REPLACES MS171498) . . . . .                                  | 1                          |                              |                    |
| 11                     | 204-001-808-003    | .BOLT . . . . .   | 1                          |                              |                    |
| 12                     | 204-001-771-001    | .GEAR ASSY . . . . .  | 1                          |                              |                    |
| 13                     | 204-001-712-001    | .SPROCKET . . . . .   | 1                          |                              |                    |
| 14                     | MS35756-32         | .KEY . . . . .  | 1                          |                              |                    |
| 15                     | 204-001-701-001    | .SUPPORT ASSY . . . . .   | 1                          |                              |                    |
| 16                     | AN201KP6A          | ..BEARING (REPLACED BY MS27641-6) . . . . .                         | 3                          |                              |                    |
| 16                     | MS27641-6          | ..BEARING (REPLACES AN201KP6A) . . . . .                            | 3                          |                              |                    |
| 17                     | 120-012-6A         | ..SLEEVE . . . . .  | 3                          |                              |                    |
| 18                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .                              | 2                          |                              |                    |
| 18                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .                                 | 2                          |                              |                    |
| 19                     | 10W4-4             | .WASHER (REPLACED BY NAS1197-416) . . . . .                         | 4                          |                              |                    |
| 19                     | NAS1197-416        | .WASHER (REPLACES 10W4-4) . . . . .                                 | 4                          |                              |                    |
| 20                     | AN174-22           | .BOLT . . . . .   | 2                          |                              |                    |
| 21                     | 204-001-857-001    | .SPACER . . . . .   | 2                          |                              |                    |
| 22                     | MS17826-4          | .NUT (REPLACED BY MS14145L4) . . . . .                              | 2                          |                              |                    |
| 22                     | MS14145L4          | .NUT (REPLACES MS17826-4) . . . . .                                 | 2                          |                              |                    |
| 23                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .                          | 4                          |                              |                    |
| 23                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .                             | 4                          |                              |                    |
| 24                     | NAS464-4-18        | .BOLT . . . . .   | 2                          |                              |                    |
| 25                     | 204-001-857-003    | .SPACER . . . . .   | 2                          |                              |                    |
| 26                     | 204-001-710-005    | .PLATE ASSY . . . . .   | 2                          |                              |                    |
| 26                     | 204-001-710-006    | .PLATE ASSY . . . . .   | 2                          |                              |                    |
| 27                     | 204-001-729-001    | ..BUSHING . . . . .   | 2                          |                              |                    |
| 28                     | 20-008-23-7-20     | ..BUSHING . . . . .   | 1                          |                              |                    |
| 29                     | MS171495           | .PIN (REPLACED BY NAS561C3-7) . . . . .                             | 2                          |                              |                    |
| 29                     | NAS561C3-7         | .PIN (REPLACES MS171495) . . . . .                                  | 2                          |                              |                    |
| 30                     | 204-001-766-001    | .PIN . . . . .  | 2                          |                              |                    |
| 31                     | 204-001-768-001    | .SCREW . . . . .  | 1                          |                              |                    |
| 32                     | 204-001-768-002    | .SCREW . . . . .  | 1                          |                              |                    |
| 33                     | 204-001-769-005    | .LINK . . . . .   | 2                          |                              |                    |



| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-17. Adjuster assembly (Cont'd)</b>                      |                            |                              |                    |
| 34                     | 204-001-762-017    | .NUT AND SUPPORT ASSY . . . . .                                       | 1                          |                              |                    |
| 35                     | 204-001-770-001    | ..PIN . . . . .   | 1                          |                              |                    |
| 36                     | 204-001-765-001    | ..SHAFT . . . . .   | 1                          |                              |                    |
| 37                     | 204-001-764-001    | ..NUT . . . . .   | 1                          |                              |                    |
| 38                     | RS68               | ..RETAINER (REPLACED BY M27426-1108A) (MAKE FROM . .<br>M27426-1108D) | 2                          |                              |                    |
| 38                     | M27426-1108D       | ..RETAINER (REPLACES RS68) . . . . .                                  | 2                          |                              |                    |
| 39                     | 204-001-774-001    | ..GEAR . . . . .  | 1                          |                              |                    |
| 40                     | 204-001-810-009    | ..SUPPORT ASSY . . . . .  | 1                          |                              |                    |
| 41                     | 22-012B31-26-28    | ...BUSHING . . . . .  | 2                          |                              |                    |
| 42                     | 204-001-809-001    | .BELLCRANK ASSY (S/N 30504 THRU 30849) . . . . .                      | 1                          |                              |                    |
| 42                     | 204-001-809-007    | .BELLCRANK ASSY (S/N 30850 THRU SUB) . . . . .                        | 1                          |                              |                    |
| 43                     | MS20206DSP4        | ..BEARING (REPLACED BY MS27643-4) . . . . .                           | 3                          |                              |                    |
| 43                     | MS27643-4          | ..BEARING (REPLACES MS20206DSP4) . . . . .                            | 3                          |                              |                    |
| 44                     | 22-006-15-22-16    | ..BUSHING . . . . .   | 4                          |                              |                    |
| 45                     | 22-008-23-22-20    | ..BUSHING . . . . .   | 2                          |                              |                    |
| 46                     | 120-013-4A         | ..SLEEVE . . . . .  | 3                          |                              |                    |

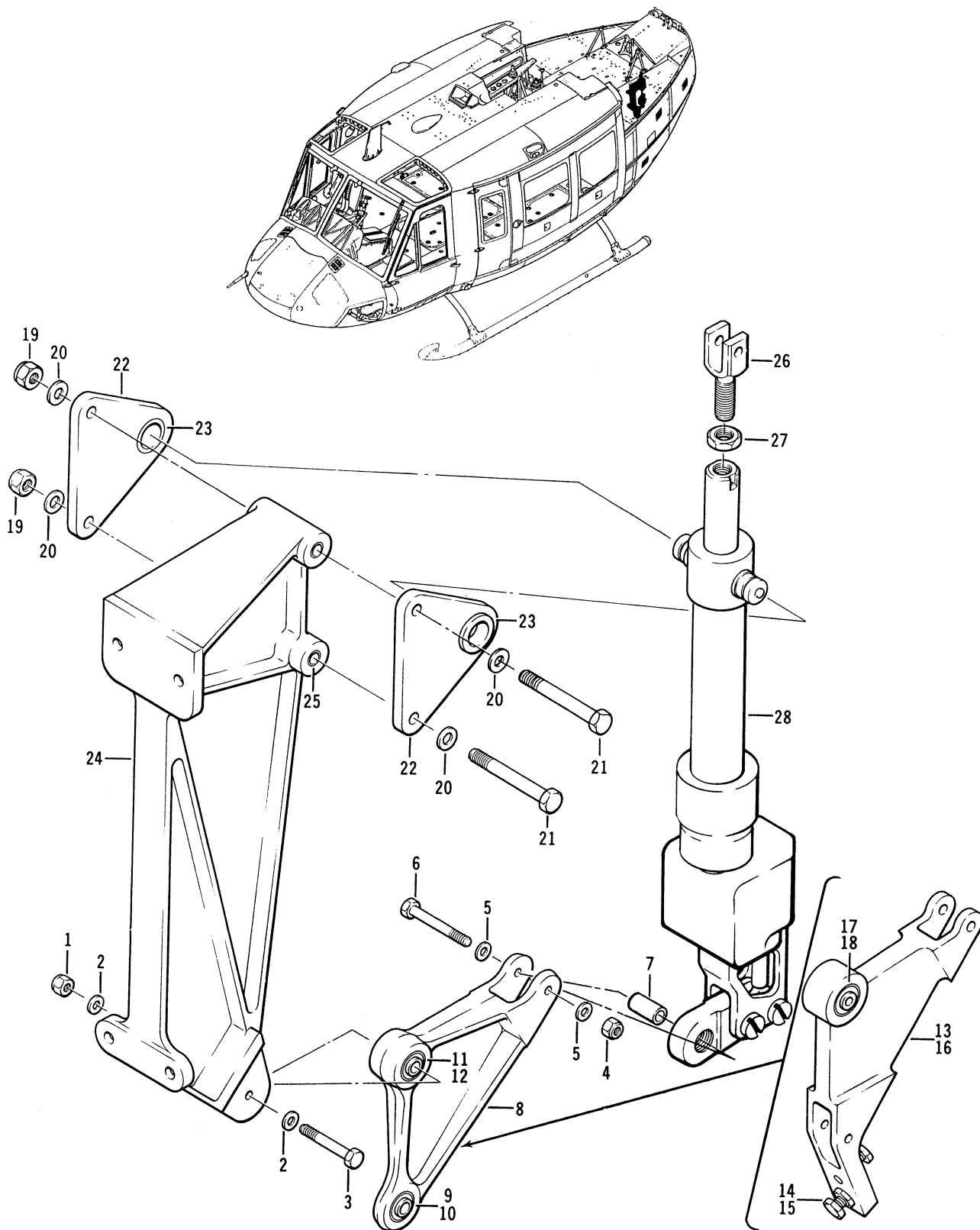


Figure 67-18. Cylinder and support assembly

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-18. Cylinder and Support Assembly</b>                                 |                            |                              |                    |
|                        | 212-001-720-003    | CYLINDER AND SUPPORT ASSY (S/N 30504<br>THRU 30849) (SEE FIG. 14 FOR NHA) .....    | REF                        | NP                           |                    |
|                        | 212-001-720-005    | CYLINDER AND SUPPORT ASSY (S/N 30850<br>THRU SUB) (SEE FIG. 15 FOR NHA) .....      | REF                        | NP                           |                    |
| 1                      | MS17825-4          | .NUT (REPLACED BY MS14144L4) .....   | 1                          | NP                           |                    |
| 1                      | MS14144L4          | .NUT (REPLACES MS17825-4) .....  | 1                          | SP                           |                    |
| 2                      | NAS1197-416        | .WASHER .....  | 2                          | SP                           |                    |
| 3                      | AN174-17           | .BOLT (S/N 30504 THRU 30849) .....   | 1                          | SP                           |                    |
| 3                      | 20-057-4-23D       | .BOLT (S/N 30850 THRU SUB) .....   | 1                          | SP                           |                    |
| 4                      | MS17825-4          | .NUT (REPLACED BY MS14144L4) .....   | 1                          | NP                           |                    |
| 4                      | MS14144L4          | .NUT (REPLACES MS17825-4) .....  | 1                          | SP                           |                    |
| 5                      | AN960PD416         | .WASHER (REPLACED BY AN960JD416) .....   | 2                          | NP                           |                    |
| 5                      | AN960JD416         | .WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) .....           | 2                          | P                            |                    |
| 5                      | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) .....  | 2                          | SP                           |                    |
| 6                      | AN174-15           | .BOLT (S/N 30504 THRU 30849) .....   | 1                          | SP                           |                    |
| 6                      | 20-057-4-19D       | .BOLT (S/N 30850 THRU SUB) .....   | 1                          | SP                           |                    |
| 7                      | 212-001-734-001    | .SPACER .....  | 1                          | SP                           |                    |
| 8                      | 212-001-711-001    | .BELLCRANK ASSY (S/N 30504 THRU 30849) .....                                       | 1                          | SP                           |                    |
| 9                      | MS20206DSP4        | ..BEARING (REPLACED BY MS27643-4) .....  | 1                          | NP                           |                    |
| 9                      | MS27643-4          | ..BEARING (REPLACES MS20206DSP4) .....   | 1                          | SP                           |                    |
| 10                     | 120-013-4A         | ..SLEEVE .....   | 1                          | SP                           |                    |
| 11                     | DW4                | ..BEARING .....  | 1                          | SP                           |                    |
| 12                     | 120-015-4KA        | ..SLEEVE .....   | 1                          | SP                           |                    |
| 13                     | 212-001-188-007    | .BELLCRANK ASSY (S/N 30850 THRU SUB) .....   | 1                          | SP                           |                    |
| 14                     | NAS428-4-10        | ..BOLT .....   | 2                          | SP                           |                    |
| 15                     | AN316-4R           | ..NUT .....  | 2                          | SP                           |                    |
| 16                     | 212-001-188-009    | ..BELLCRANK ASSY .....   | 1                          |                              |                    |
| 17                     | DW4                | ..BEARING .....  | 1                          | SP                           |                    |
| 18                     | 120-015-4KA        | ..SLEEVE .....   | 1                          | SP                           |                    |
| 19                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) .....   | 2                          | P                            |                    |
| 19                     | MS21042L4          | .NUT (REPLACES NAS679A4) .....   | 2                          | SP                           |                    |
| 20                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) .....   | 4                          | NP                           |                    |
| 20                     | AN960JD416         | .WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) .....           | 4                          | P                            |                    |
| 20                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) .....  | 4                          | SP                           |                    |
| 21                     | AN4-26A            | .BOLT .....  | 2                          | SP                           |                    |
| 22                     | 205-001-732-005    | .PLATE ASSY, TRUNNION .....  | 2                          | SP                           |                    |
| 23                     | 209-001-056-003    | ..BUSHING .....  | 1                          | SP                           |                    |
| 24                     | 205-001-731-001    | .SUPPORT ASSY .....  | 1                          | SP                           |                    |
| 25                     | 21-006-7-5-16      | ..BUSHING (REPLACED BY 21-006-7.5-16) .....  | 4                          | NP                           |                    |
| 25                     | 21-006-7.5-16      | ..BUSHING (REPLACES 21-006-7-5-16) .....   | 4                          | SP                           |                    |
| 26                     | 209-001-719-001    | .CLEVIS .....  | 1                          | SP                           |                    |
| 27                     | AN316-7R           | .NUT .....   | 1                          | SP                           |                    |
| 28                     | 212-076-004-003    | .CYLINDER, SERVO<br>(REPLACED BY 212-076-004-005) .....                            | 1                          | P                            |                    |
| 28                     | 212-076-004-005    | .CYLINDER, SERVO (REPLACES 212-076-004-003)<br>(REPLACED BY 212-076-004-101) ..... | 1                          | SP                           |                    |
| 28                     | 212-076-004-101    | .CYLINDER, SERVO (REPLACES 212-076-004-005) .....                                  | 1                          | SP                           |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <p>Figure 67-18. Cylinder and Support Assembly (Cont'd)</p> <p><b>AVAIL CODE      DEFINITION</b></p> <p>P                    Procurable</p> <p>NP                  Non Procurable</p> <p>SP                  Normal Stock/Procurable</p> <p>See introduction on availability codes for additional information.</p> |                            |                              |                    |

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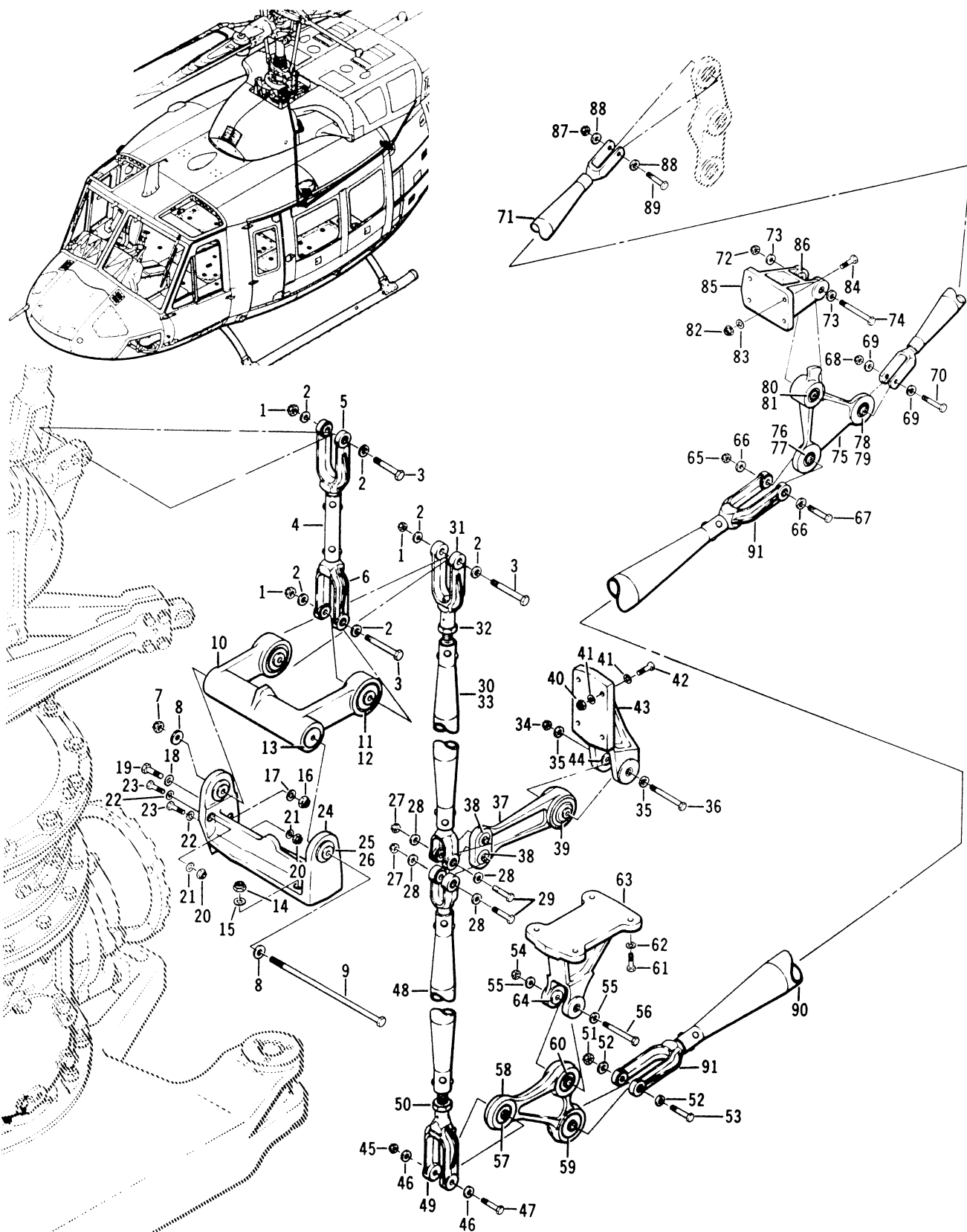


Figure 67-19. Control Installation, synchronized elevators, forward



| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-19. Control Installation, Synchronized Elevators, Forward</b> |                            |                              |                    |
|                        | 212-001-005-001    | CONTROLS INSTL, SYNCHRONIZED ELEVATOR, FWD .....                           | 1                          | NP                           |                    |
| 1                      | MS17825-5          | .NUT (REPLACED BY MS14144L5) .....   | 3                          | NP                           |                    |
| 1                      | MS14144L5          | .NUT (REPLACES MS17825-5) .....  | 3                          | SP                           |                    |
| 2                      | AN960JD516         | .WASHER, FLAT (REPLACED BY NAS1149D0563J) .....                            | 6                          | P                            |                    |
| 2                      | NAS1149D0563J      | .WASHER (REPLACES AN960JD516) .....  | 6                          | SP                           |                    |
| 3                      | 20-057-5-25D       | .BOLT .....  | 3                          | SP                           |                    |
| 4                      | 204-001-957-001    | .TUBE ASSY .....   | 1                          | SP                           |                    |
| 5                      | 204-001-959-001    | ..CLEVIS ASSY .....  | 1                          | SP                           |                    |
| 6                      | 204-001-053-001    | ..CLEVIS ASSY .....  | 1                          | SP                           |                    |
| 7                      | MS17825-5          | .NUT (REPLACED BY MS14144L5) .....   | 1                          | NP                           |                    |
| 7                      | MS14144L5          | .NUT (REPLACES MS17825-5) .....  | 1                          | SP                           |                    |
| 8                      | AN960-516          | .WASHER (REPLACED BY NAS1149F0563P) .....                                  | 2                          | P                            |                    |
| 8                      | NAS1149F0563P      | .WASHER (REPLACES AN960-516) .....   | 2                          | SP                           |                    |
| 9                      | 20-057-5-113D      | .BOLT .....  | 1                          | SP                           |                    |
| 10                     | 205-001-902-005    | .BELLCRANK ASSY .....  | 1                          | SP                           |                    |
| 11                     | LHVA5-26           | ..BEARING (REPLACED BY 76569) .....  | 2                          | NP                           |                    |
|                        |                    | (ALTERNATE PART)   |                            |                              |                    |
| 11                     | 76569              | ..BEARING (REPLACES LHVA5-26) .....  | 2                          | SP                           |                    |
| 12                     | 120-013-5A         | ..SLEEVE .....   | 2                          | SP                           |                    |
| 13                     | 22-012-19-40-28    | ..BUSHING .....  | 2                          | SP                           |                    |
| 14                     | NAS679A5           | .NUT (REPLACED BY MS21042L5) .....   | 2                          | P                            |                    |
| 14                     | MS21042L5          | .NUT, SELF-LOCKING (REPLACES NAS679A5) .....                               | 2                          | SP                           |                    |
| 15                     | AN960JD516         | .WASHER, FLAT (REPLACED BY NAS1149D0563J) .....                            | 2                          | P                            |                    |
| 15                     | NAS1149D0563J      | .WASHER (REPLACES AN960JD516) .....  | 2                          | SP                           |                    |
| 16                     | NAS679A5           | .NUT (REPLACED BY MS21042L5) .....   | 1                          | P                            |                    |
| 16                     | MS21042L5          | .NUT, SELF-LOCKING (REPLACES NAS679A5) .....                               | 1                          | SP                           |                    |
| 17                     | AN960JD516         | .WASHER, FLAT (REPLACED BY NAS1149D0563J) .....                            | 1                          | P                            |                    |
| 17                     | NAS1149D0563J      | .WASHER (REPLACES AN960JD516) .....  | 1                          | SP                           |                    |
| 18                     | NAS1197-516        | .WASHER .....  | 1                          | SP                           |                    |
| 19                     | AN175-11A          | .BOLT .....  | 1                          | SP                           |                    |
| 20                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) .....   | 2                          | P                            |                    |
| 20                     | MS21042L4          | .NUT (REPLACES NAS679A4) .....   | 2                          | SP                           |                    |
| 21                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) .....                                     | 2                          | NP                           |                    |
| 21                     | AN960JD416         | .WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) .....   | 2                          | P                            |                    |
| 21                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) .....  | 2                          | SP                           |                    |
| 22                     | NAS1197-416        | .WASHER .....  | 2                          | SP                           |                    |
| 23                     | AN174-11A          | .BOLT .....  | 2                          | SP                           |                    |
| 24                     | 204-001-954-001    | .SUPPORT ASSY .....  | 1                          | SP                           |                    |
| 25                     | 23S3-5A            | ..BUSHING (REPLACED BY 120-012-5A) .....                                   | 2                          | NP                           |                    |
| 25                     | 120-012-5A         | ..SLEEVE (REPLACES 23S3-5A) .....  | 2                          | SP                           |                    |
| 26                     | AN201KP5A          | ..BEARING (REPLACED BY MS27641-5) .....                                    | 2                          | NP                           |                    |
| 26                     | MS27641-5          | ..BEARING (REPLACES AN201KP5A) .....                                       | 2                          | SP                           |                    |
| 27                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) .....   | 2                          | NP                           |                    |
| 27                     | MS14144L4          | .NUT (REPLACES MS17825-4) .....  | 2                          | SP                           |                    |
| 28                     | AN960C416          | .WASHER, FLAT (REPLACED BY NAS1149C0463R) .....                            | 4                          | P                            |                    |
| 28                     | NAS1149C0463R      | .WASHER (REPLACES AN960C416) .....   | 4                          | SP                           |                    |
| 29                     | 20-057-4-19D       | .BOLT .....  | 2                          | SP                           |                    |
| 30                     | 205-001-017-001    | .TUBE ASSY .....   | 1                          | SP                           |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-19. Control Installation, Synchronized Elevators,<br/>Forward (Cont'd)</b> |                            |                              |                    |
| 31                     | 204-001-958-001    | ..CLEVIS .....  | 1                          | SP                           |                    |
| 32                     | AN316-7R           | ..NUT .....   | 1                          | SP                           |                    |
| 33                     | 205-001-017-003    | ..TUBE ASSY .....   | 1                          | SP                           |                    |
| 34                     | MS17825-5          | ..NUT (REPLACED BY MS14144L5) .....   | 1                          | NP                           |                    |
| 34                     | MS14144L5          | ..NUT (REPLACES MS17825-5) .....  | 1                          | SP                           |                    |
| 35                     | AN960JD516         | ..WASHER, FLAT (REPLACED BY NAS1149D0563J) .....  | 2                          | P                            |                    |
| 35                     | NAS1149D0563J      | ..WASHER (REPLACES AN960JD516) .....  | 2                          | SP                           |                    |
| 36                     | 20-057-5-27D       | ..BOLT .....  | 1                          | SP                           |                    |
| 37                     | 205-001-908-001    | ..IDLER ASSY .....  | 1                          | SP                           |                    |
| 38                     | RSST4              | ..BEARING .....   | 2                          | NP                           |                    |
|                        |                    | (ALTERNATE PART)  |                            |                              |                    |
| 38                     | LHSSV-4            | ..BEARING .....   | 1                          |                              |                    |
| 39                     | MDW5               | ..BEARING (REPLACED BY MS27647-5) .....   | 1                          | NP                           |                    |
| 39                     | MS27647-5          | ..BEARING (REPLACES MDW5) .....   | 1                          | SP                           |                    |
| 40                     | NAS679A4           | ..NUT (REPLACED BY MS21042L4) .....   | 4                          | P                            |                    |
| 40                     | MS21042L4          | ..NUT (REPLACES NAS679A4) .....   | 4                          | SP                           |                    |
| 41                     | AN960PD416         | ..WASHER (REPLACED BY AN960JD416) .....   | 8                          | NP                           |                    |
| 41                     | AN960JD416         | ..WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) .....               | 8                          | P                            |                    |
| 41                     | NAS1149D0463J      | ..WASHER (REPLACES AN960JD416) .....  | 8                          | SP                           |                    |
| 42                     | AN4-14A            | ..BOLT .....  | 4                          | SP                           |                    |
| 43                     | 205-001-913-001    | ..SUPPORT ASSY .....  | 1                          | SP                           |                    |
| 44                     | 85B7-19-20-18      | ..BUSHING (REPLACED BY 22-007-19-20-18) .....   | 2                          | NP                           |                    |
| 44                     | 22-007-19-20-18    | ..BUSHING (REPLACES 85B7-19-20-18) .....  | 2                          | P                            |                    |
| 45                     | MS17825-4          | ..NUT (REPLACED BY MS14144L4) .....   | 1                          | NP                           |                    |
| 45                     | MS14144L4          | ..NUT (REPLACES MS17825-4) .....  | 1                          | SP                           |                    |
| 46                     | AN960-416          | ..WASHER (REPLACED BY NAS1149F0463P) .....  | 2                          | NP                           |                    |
| 46                     | NAS1149F0463P      | ..WASHER (REPLACES AN960-416) .....   | 2                          | SP                           |                    |
| 47                     | 20-057-4-25D       | ..BOLT .....  | 1                          | SP                           |                    |
| 48                     | 205-001-017-007    | ..TUBE ASSY .....   | 1                          | SP                           |                    |
| 49                     | 204-001-007-001    | ..CLEVIS .....  | 1                          | SP                           |                    |
| 50                     | AN316-7R           | ..NUT .....   | 1                          | SP                           |                    |
| 51                     | MS17825-5          | ..NUT (REPLACED BY MS14144L5) .....   | 1                          | NP                           |                    |
| 51                     | MS14144L5          | ..NUT (REPLACES MS17825-5) .....  | 1                          | SP                           |                    |
| 52                     | AN960JD516         | ..WASHER, FLAT (REPLACED BY NAS1149D0563J) .....  | 2                          | P                            |                    |
| 52                     | NAS1149D0563J      | ..WASHER (REPLACES AN960JD516) .....  | 2                          | SP                           |                    |
| 53                     | 20-057-5-25D       | ..BOLT .....  | 1                          | SP                           |                    |
| 54                     | MS17825-5          | ..NUT (REPLACED BY MS14144L5) .....   | 1                          | NP                           |                    |
| 54                     | MS14144L5          | ..NUT (REPLACES MS17825-5) .....  | 1                          | SP                           |                    |
| 55                     | AN960JD516         | ..WASHER, FLAT (REPLACED BY NAS1149D0563J) .....  | 2                          | P                            |                    |
| 55                     | NAS1149D0563J      | ..WASHER (REPLACES AN960JD516) .....  | 2                          | SP                           |                    |
| 56                     | 20-057-5-27D       | ..BOLT .....  | 1                          | SP                           |                    |
| 57                     | 205-001-905-001    | ..BELLCRANK ASSY .....  | 1                          | SP                           |                    |
| 58                     | AN206DSP4          | ..BEARING (REPLACED BY MS27643-4) .....   | 1                          | NP                           |                    |
| 58                     | MS27643-4          | ..BEARING (REPLACES AN206DSP4) .....  | 1                          | SP                           |                    |
| 59                     | AN206DSP5          | ..BEARING (REPLACED BY MS27643-5) .....   | 1                          | P                            |                    |
| 59                     | MS27643-5          | ..BEARING (REPLACES AN206DSP5) .....  | 1                          | SP                           |                    |
| 60                     | DW5                | ..BEARING (REPLACED BY MS27647-5) .....   | 1                          | NP                           |                    |
| 60                     | MS27647-5          | ..BEARING (REPLACES DW5) .....  | 1                          | SP                           |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-19. Control Installation, Synchronized Elevators, Forward (Cont'd)</b> |                            |                              |                    |
| 61                     | NAS464P4A4         | .BOLT (REPLACED BY 20-057-4S4) .....  | 4                          | P                            |                    |
| 61                     | 20-057-4S4         | .BOLT (REPLACES NAS464P4A4) .....   | 4                          | SP                           |                    |
| 62                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) .....  | 4                          | NP                           |                    |
| 62                     | AN960JD416         | .WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) .....            | 4                          | P                            |                    |
| 62                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) .....   | 4                          | SP                           |                    |
| 63                     | 205-001-910-001    | .SUPPORT ASSY .....   | 1                          | SP                           |                    |
| 64                     | 85B7-19-20-18      | ..BUSHING (REPLACED BY 22-007-19-20-18) .....                                       | 2                          | NP                           |                    |
| 64                     | 22-007-19-20-18    | ..BUSHING (REPLACES 85B7-19-20-18) .....  | 2                          | P                            |                    |
| 65                     | MS17825-5          | .NUT (REPLACED BY MS14144L5) .....  | 1                          | NP                           |                    |
| 65                     | MS14144L5          | .NUT (REPLACES MS17825-5) .....   | 1                          | SP                           |                    |
| 66                     | AN960JD516         | .WASHER, FLAT (REPLACED BY NAS1149D0563J) .....                                     | 2                          | P                            |                    |
| 66                     | NAS1149D0563J      | .WASHER (REPLACES AN960JD516) .....   | 2                          | SP                           |                    |
| 67                     | 20-057-5-25D       | .BOLT .....   | 1                          | SP                           |                    |
| 68                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) .....  | 1                          | NP                           |                    |
| 68                     | MS14144L4          | .NUT (REPLACES MS17825-4) .....   | 1                          | SP                           |                    |
| 69                     | AN960C416          | .WASHER, FLAT (REPLACED BY NAS1149C0463R) .....                                     | 2                          | P                            |                    |
| 69                     | NAS1149C0463R      | .WASHER (REPLACES AN960C416) .....  | 2                          | SP                           |                    |
| 70                     | NAS1304-17D        | .BOLT (REPLACED BY NAS6604D17) .....  | 1                          | P                            |                    |
| 70                     | NAS6604D17         | .BOLT (REPLACES NAS1304-17D) .....  | 1                          | SP                           |                    |
| 71                     | 212-001-054-001    | .TUBE ASSY .....  | 1                          | SP                           |                    |
| 72                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) .....  | 1                          | NP                           |                    |
| 72                     | MS14144L4          | .NUT (REPLACES MS17825-4) .....   | 1                          | SP                           |                    |
| 73                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) .....  | 2                          | NP                           |                    |
| 73                     | AN960JD416         | .WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) .....            | 2                          | P                            |                    |
| 73                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) .....   | 2                          | SP                           |                    |
| 74                     | NAS1304-25D        | .BOLT (REPLACED BY NAS6604D25) .....  | 1                          | P                            |                    |
| 74                     | NAS6604D25         | .BOLT (REPLACES NAS1304-25D) .....  | 1                          | SP                           |                    |
| 75                     | 212-001-902-001    | .BELLCRANK ASSY .....   | 1                          | SP                           |                    |
| 76                     | MS20206DSP5        | ..BEARING (REPLACED BY MS27643-5) .....   | 1                          | P                            |                    |
| 76                     | MS27643-5          | ..BEARING (REPLACES MS20206DSP5) .....  | 1                          | SP                           |                    |
| 77                     | 120-013-5A         | ..SLEEVE .....  | 1                          | SP                           |                    |
| 78                     | MS20206DSP4        | ..BEARING (REPLACED BY MS27643-4) .....   | 1                          | NP                           |                    |
| 78                     | MS27643-4          | ..BEARING (REPLACES MS20206DSP4) .....  | 1                          | SP                           |                    |
| 79                     | 120-013-4A         | ..SLEEVE .....  | 1                          | SP                           |                    |
| 80                     | MDW4               | ..BEARING (REPLACED BY 212-001-066-001)<br>(REPLACED BY MS27647-4) .....            | 1                          | NP                           |                    |
| 80                     | MS27647-4          | ..BEARING (REPLACED BY 212-001-066-001)<br>(REPLACES MDW4) .....                    | 1                          | SP                           |                    |
| 80                     | 212-001-066-001    | ..BEARING (REPLACES MDW4) .....   | 1                          | SP                           |                    |
| 81                     | 120-015-4KA        | ..SLEEVE .....  | 1                          | SP                           |                    |
| 82                     | NAS679A4           | .NUT (REPLACED BY MS21042L4) .....  | 4                          | P                            |                    |
| 82                     | MS21042L4          | .NUT (REPLACES NAS679A4) .....  | 4                          | SP                           |                    |
| 83                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) .....  | 4                          | NP                           |                    |
| 83                     | AN960JD416         | .WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) .....            | 4                          | P                            |                    |
| 83                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) .....   | 4                          | SP                           |                    |
| 84                     | AN4-13A            | .BOLT .....   | 4                          | SP                           |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-19. Control Installation, Synchronized Elevators,<br/>Forward (Cont'd)</b> |                            |                              |                    |
| 85                     | 205-001-909-001    | .SUPPORT ASSY .....   | 1                          | SP                           |                    |
| 86                     | 22-006-15-18-16    | ..BUSHING .....   | 2                          | SP                           |                    |
| 87                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) .....  | 1                          | NP                           |                    |
| 87                     | MS14144L4          | .NUT (REPLACES MS17825-4) .....   | 1                          | SP                           |                    |
| 88                     | AN960C416          | .WASHER, FLAT (REPLACED BY NAS1149C0463R) .....   | 2                          | P                            |                    |
| 88                     | NAS1149C0463R      | .WASHER (REPLACES AN960C416) .....  | 2                          | SP                           |                    |
| 89                     | NAS1304-17D        | .BOLT (REPLACED BY NAS6604D17) .....  | 1                          | P                            |                    |
| 89                     | NAS6604D17         | .BOLT (REPLACES NAS1304-17D) .....  | 1                          | SP                           |                    |
| 90                     | 205-001-018-005    | .TUBE ASSY .....  | 1                          | SP                           |                    |
| 91                     | 204-001-053-001    | ..CLEVIS ASSY .....   | 2                          | SP                           |                    |
|                        |                    | <b>AVAIL CODE      DEFINITION</b>   |                            |                              |                    |
|                        |                    | P                  Procurable   |                            |                              |                    |
|                        |                    | NP                Non Procurable  |                            |                              |                    |
|                        |                    | SP                Normal Stock/Procurable   |                            |                              |                    |
|                        |                    | See introduction on availability codes for<br>additional information.                   |                            |                              |                    |

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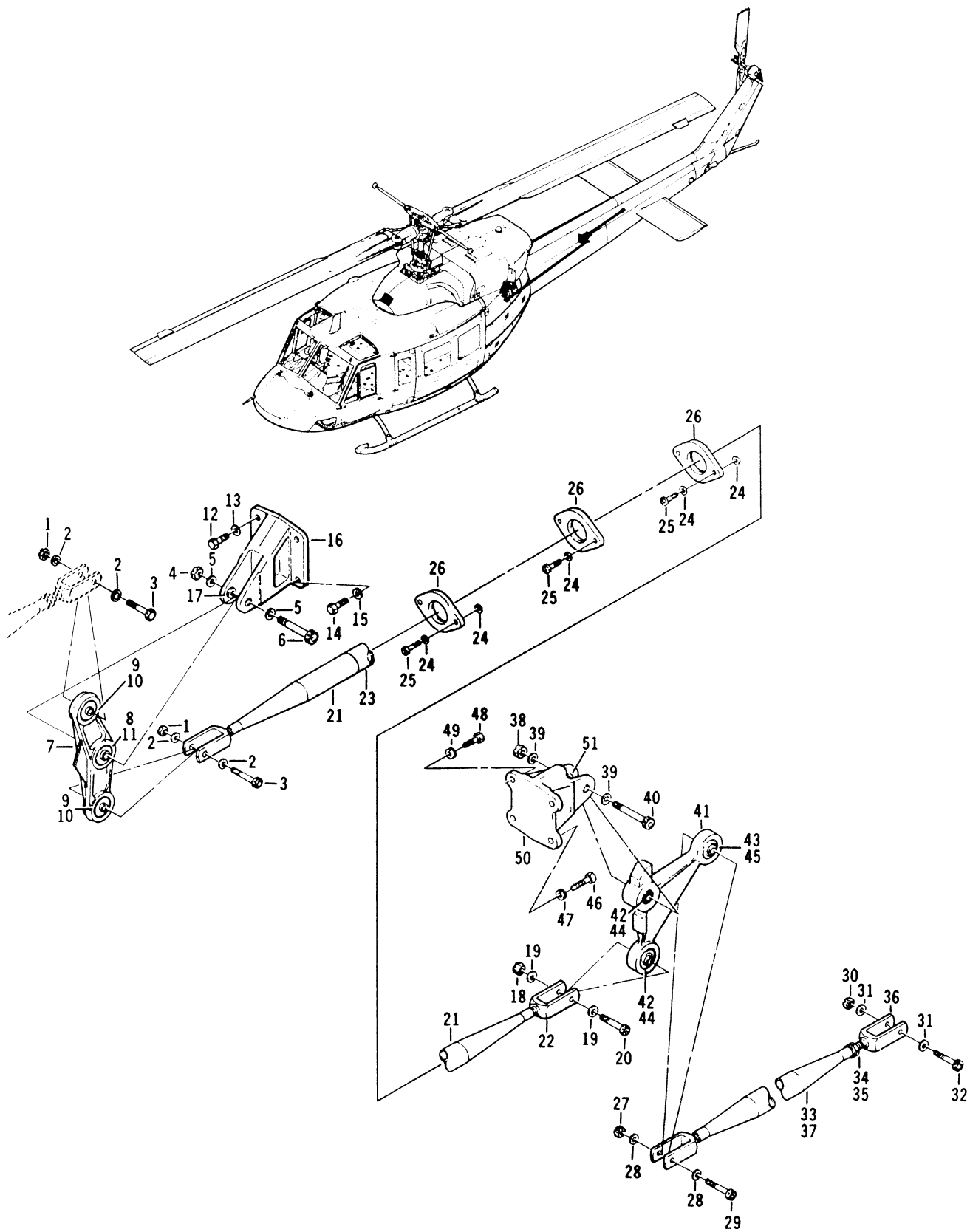


Figure 67-20. Control Installation, aft

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME                                       | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-20. Control installation, aft</b>        |                            |                              |                    |
|                        | 212-001-005-003    | CONTROLS INSTL, AFT (S/N 30504 THRU 30849) . . . . .   | 1                          |                              |                    |
|                        | 212-001-005-011    | CONTROLS INSTL, AFT (S/N 30850 THRU SUB) . . . . .     | 1                          |                              |                    |
| 1                      | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .                 | 2                          |                              |                    |
| 1                      | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .                    | 2                          |                              |                    |
| 2                      | AN960C416          | .WASHER . . . . .                                      | 4                          |                              |                    |
| 3                      | 20-057-4-17D       | .BOLT . . . . .  | 2                          |                              |                    |
| 4                      | MS17825-5          | .NUT (REPLACED BY MS14144L5) . . . . .                 | 1                          |                              |                    |
| 4                      | MS14144L5          | .NUT (REPLACES MS17825-5) . . . . .                    | 1                          |                              |                    |
| 5                      | AN960JD516         | .WASHER . . . . .                                      | 2                          |                              |                    |
| 6                      | 20-057-5-24D       | .BOLT . . . . .  | 1                          |                              |                    |
| 7                      | 212-001-901-001    | .WALKING BEAM ASSY . . . . .                           | 1                          |                              |                    |
| 8                      | MDW5               | ..BEARING (REPLACED BY MS27647-5) . . . . .            | 1                          |                              |                    |
| 8                      | MS27647-5          | ..BEARING (REPLACES MDW5) . . . . .                    | 1                          |                              |                    |
| 9                      | MS20206DSP4        | ..BEARING (REPLACED BY MS27643-4) . . . . .            | 2                          |                              |                    |
| 9                      | MS27643-4          | ..BEARING (REPLACES MS20206DSP4) . . . . .             | 2                          |                              |                    |
| 10                     | 120-013-4A         | ..SLEEVE . . . . .                                     | 2                          |                              |                    |
| 11                     | 120-015-5A         | ..SLEEVE . . . . .                                     | 1                          |                              |                    |
| 12                     | AN4-6A             | .BOLT . . . . .  | 2                          |                              |                    |
| 13                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .             | 2                          |                              |                    |
| 13                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .                | 2                          |                              |                    |
| 14                     | AN4-7A             | .BOLT . . . . .  | 2                          |                              |                    |
| 15                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .             | 2                          |                              |                    |
| 15                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .                | 2                          |                              |                    |
| 16                     | 205-001-918-001    | .SUPPORT ASSY . . . . .                                | 1                          |                              |                    |
| 17                     | 22-007-19-15-16    | ..BUSHING . . . . .                                    | 2                          |                              |                    |
| 18                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .                 | 1                          |                              |                    |
| 18                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .                    | 1                          |                              |                    |
| 19                     | AN960C416          | .WASHER . . . . .                                      | 2                          |                              |                    |
| 20                     | 20-057-4-17D       | .BOLT . . . . .  | 1                          |                              |                    |
| 21                     | 212-001-052-005    | .TUBE ASSY (REPLACED BY 212-001-052-105) . . . . .     | 1                          |                              |                    |
| 21                     | 212-001-052-105    | .TUBE ASSY (REPLACES 212-001-052-005) . . . . .        | 1                          |                              |                    |
| 22                     | 212-001-059-003    | ..CLEVIS . . . . .                                     | 2                          |                              |                    |
|                        |                    | (ALTERNATE PART)                                       |                            |                              |                    |
| 22                     | 212-001-059-105    | ..CLEVIS . . . . .                                     | 2                          |                              |                    |
| 23                     | 120-110-2A13       | ..STRIP (REPLACED BY 120-110-2A13W) (USBL ON . . . . . | 3                          |                              |                    |
|                        |                    | 212-001-052-105)                                       |                            |                              |                    |
| 23                     | 120-110-2A13W      | ..STRIP (REPLACES 120-110-2A13) (USBL ON . . . . .     | 3                          |                              |                    |
|                        |                    | 212-001-052-105)                                       |                            |                              |                    |
| 24                     | AN960JD10          | .WASHER (S/N 30504 THRU 30845) . . . . .               | 10                         |                              |                    |
| 25                     | MS27039-1-10       | .SCREW (S/N 30504 THRU 30845) . . . . .                | 6                          |                              |                    |
| 26                     | 209-001-907-005    | .GUIDE (S/N 30504 THRU 30845) (REPLACED BY . . . . .   | 3                          |                              |                    |
|                        |                    | 60-008-3)  |                            |                              |                    |
| 26                     | 60-008-3           | .GROMMET (S/N 30504 THRU 30845) (REPLACES . . . . .    | 3                          |                              |                    |
|                        |                    | 209-001-907-005)                                       |                            |                              |                    |
| 27                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .                 | 1                          |                              |                    |
| 27                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .                    | 1                          |                              |                    |
| 28                     | AN960C416          | .WASHER . . . . .                                      | 2                          |                              |                    |
| 29                     | 20-057-4-17D       | .BOLT . . . . .  | 1                          |                              |                    |
| 30                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .                 | 1                          |                              |                    |
| 30                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .                    | 1                          |                              |                    |





| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|--|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-20. Control installation, aft (Cont'd)</b> |                            |                              |                    |
| 31                     | AN960C416          | .WASHER . . . . .  | 2                          |                              |                    |
| 32                     | 20-057-4-16D       | .BOLT . . . . .  | 1                          |                              |                    |
| 33                     | 212-001-057-001    | .TUBE ASSY . . . . .                                     | 1                          |                              |                    |
| 34                     | AN316C6R           | ..NUT . . . . .  | 1                          |                              |                    |
| 35                     | AN960JD616         | ..WASHER . . . . .                                       | 1                          |                              |                    |
| 36                     | 212-001-059-001    | ..CLEVIS . . . . .                                       | 1                          |                              |                    |
|                        |                    | (ALTERNATE PARTS)  |                            |                              |                    |
| 36                     | 212-001-064-001    | ..CLEVIS . . . . .                                       | 1                          |                              |                    |
| 36                     | 212-001-250-001    | ..CLEVIS . . . . .                                       | 1                          |                              |                    |
| 36                     | 212-001-059-103    | ..CLEVIS . . . . .                                       | 1                          |                              |                    |
| 37                     | 212-001-057-005    | ..TUBE ASSY . . . . .                                    | 1                          |                              |                    |
| 38                     | MS17825-5          | .NUT (REPLACED BY MS14144L5) . . . . .                   | 1                          |                              |                    |
| 38                     | MS14144L5          | .NUT (REPLACES MS17825-5) . . . . .                      | 1                          |                              |                    |
| 39                     | AN960C516          | .WASHER . . . . .  | 2                          |                              |                    |
| 40                     | 20-057-5-25D       | .BOLT . . . . .  | 1                          |                              |                    |
| 41                     | 212-001-900-001    | .BELLCRANK . . . . .                                     | 1                          |                              |                    |
| 42                     | MS20206DSP4        | ..BEARING (REPLACED BY MS27643-4) . . . . .              | 2                          |                              |                    |
| 42                     | MS27643-4          | ..BEARING (REPLACES MS20206DSP4) . . . . .               | 2                          |                              |                    |
| 43                     | MDW5               | ..BEARING (REPLACED BY MS27647-5) . . . . .              | 1                          |                              |                    |
| 43                     | MS27647-5          | ..BEARING (REPLACES MDW5) . . . . .                      | 1                          |                              |                    |
| 44                     | 120-013-4A         | ..SLEEVE . . . . .                                       | 2                          |                              |                    |
| 45                     | 120-015-5A         | ..SLEEVE . . . . .                                       | 1                          |                              |                    |
| 46                     | AN4-7A             | .BOLT . . . . .  | 2                          |                              |                    |
| 47                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .               | 4                          |                              |                    |
| 47                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .                  | 4                          |                              |                    |
| 48                     | AN4-6A             | .BOLT . . . . .  | 2                          |                              |                    |
| 49                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .               | 4                          |                              |                    |
| 49                     | AN960JD416         | .WASHER (REPLACES AN960PD416) . . . . .                  | 4                          |                              |                    |
| 50                     | 205-001-920-001    | .SUPPORT ASSY . . . . .                                  | 1                          |                              |                    |
| 51                     | 22-007-19-15-18    | ..BUSHING . . . . .                                      | 2                          |                              |                    |

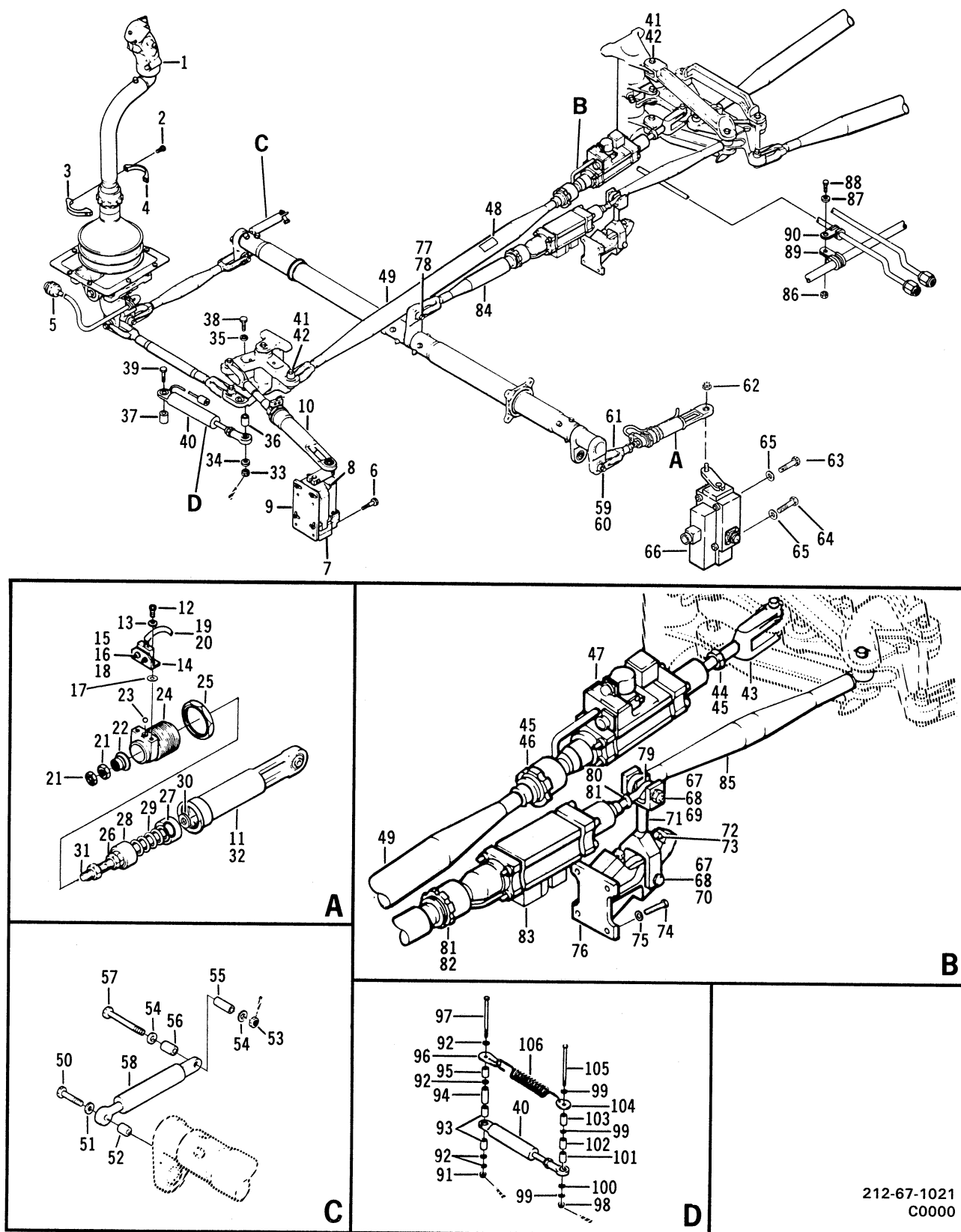


Figure 67-21. Kit installation, automatic flight control system

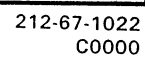
| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-21. Kit Installation, Automatic Flight Control System</b>                            |                            |                              |                    |
|                        | 212-706-111-001    | KIT INSTL, AUTOMATIC FLIGHT CONTROL SYSTEM<br>(SEE FIG. 22 FOR BALANCE OF BREAKDOWN) .....        | 1                          | NP                           |                    |
|                        | 212-706-111-101    | KIT INSTL, AUTOMATIC FLIGHT CONTROL SYSTEM<br>(SEE FIG. 22 FOR BALANCE OF BREAKDOWN) .....        | 1                          | NP                           |                    |
|                        | 212-706-111-103    | KIT INSTL, AUTOMATIC FLIGHT CONTROL SYSTEM<br>(SEE FIG. 22 FOR BALANCE OF BREAKDOWN) .....        | 1                          | NP                           |                    |
|                        | 212-706-111-105    | KIT INSTL, AUTOMATIC FLIGHT CONTROL SYSTEM<br>(SEE FIG. 22 FOR BALANCE OF BREAKDOWN) .....        | 1                          | NP                           |                    |
| 1                      | 205-001-046-003    | .GRIP ASSY .....  | 2                          | SP                           |                    |
|                        | 212-001-316-001    | .CLAMP ASSY .....   | 1                          | SP                           |                    |
| 2                      | MS35266-63         | ..SCREW .....   | 2                          | SP                           |                    |
| 3                      | 212-001-316-003    | ..CLAMP, HALF .....   | 1                          |                              |                    |
| 4                      | 212-001-316-005    | ..CLAMP, HALF .....   | 1                          | P                            |                    |
| 5                      | 30-120-20          | .CONTACT (REPLACED BY M39029/31-223) .....  | 14                         | NP                           |                    |
| 5                      | M39029/31-223      | .CONTACT (REPLACES 30-120-20) .....   | 14                         | SP                           |                    |
| 6                      | NAS1304-31         | .BOLT (REPLACED BY NAS6604-31) .....  | 4                          | P                            |                    |
| 6                      | NAS6604-31         | .BOLT (REPLACES NAS1304-31) .....   | 4                          | SP                           |                    |
| 7                      | 214-001-347-001    | .ACTUATOR .....   | 1                          |                              |                    |
|                        |                    | (ALTERNATE PART)  |                            |                              |                    |
| 7                      | 214-001-347-005    | .ACTUATOR .....   | 1                          | SP                           |                    |
| 8                      | MS24693S294        | .SCREW (REPLACED BY MS24693-S294) .....   | 4                          | P                            |                    |
| 8                      | MS24693-S294       | .SCREW (REPLACES MS24693S294) .....   | 4                          | SP                           |                    |
| 9                      | 212-001-195-001    | .PLATE ASSY .....   | 1                          | SP                           |                    |
| 10                     | 212-001-034-001    | .FORCE GRADIENT ASSY (ROLL)<br>(REPLACED BY 212-001-034-105) .....                                | 1                          | NP                           |                    |
| 10                     | 212-001-034-105    | .FORCE GRADIENT ASSY (ROLL)<br>(REPLACES 212-001-034-001)<br>(REPLACED BY 212-001-034-117) .....  | 1                          | P                            |                    |
| 10                     | 212-001-034-117    | .FORCE GRADIENT ASSY (ROLL)<br>(REPLACES 212-001-034-105)<br>(REPLACED BY 212-001-034-129) .....  | 1                          | SP                           |                    |
| 10                     | 212-001-034-129    | .FORCE GRADIENT ASSY (ROLL)<br>(REPLACES 212-001-034-117) .....                                   | 1                          | SP                           |                    |
| 11                     | 212-001-035-001    | .FORCE GRADIENT ASSY (PITCH)<br>(REPLACED BY 212-001-035-105) .....                               | 1                          | NP                           |                    |
| 11                     | 212-001-035-105    | .FORCE GRADIENT ASSY (PITCH)<br>(REPLACES 212-001-035-001)<br>(REPLACED BY 212-001-035-113) ..... | 1                          | P                            |                    |
| 11                     | 212-001-035-113    | .FORCE GRADIENT ASSY (PITCH)<br>(REPLACES 212-001-035-105)<br>(REPLACED BY 212-001-035-121) ..... | 1                          | SP                           |                    |
| 11                     | 212-001-035-121    | .FORCE GRADIENT ASSY (PITCH)<br>(REPLACES 212-001-035-113) .....                                  | 1                          | SP                           |                    |
| 12                     | MS35206-214        | ..SCREW .....   | 2                          | SP                           |                    |
| 13                     | MS35333-36         | ..WASHER .....  | 2                          | SP                           |                    |
| 14                     | 212-001-045-001    | ..RETAINER .....  | 1                          | P                            |                    |
| 15                     | MS35649-222        | ..NUT .....   | 2                          | SP                           |                    |
| 16                     | MS35333-35         | ..WASHER .....  | 2                          | SP                           |                    |
| 17                     | 140-009A6S11       | ..WASHER .....  | 2                          | SP                           |                    |

| (1)             | (2)             | (3)  | (4)                 | (5)                   | (6)         |
|-----------------|-----------------|--|---------------------|-----------------------|-------------|
| INDEX<br>NUMBER | PART NUMBER     | ITEM NAME  | UNIT<br>PER<br>ASSY | A<br>V<br>A<br>I<br>L | U<br>O<br>C |
|                 |                 | <b>Figure 67-21. Kit Installation, Automatic Flight Control System (Cont'd)</b>                |                     |                       |             |
| 18              | MS35206-207     | ..SCREW .....  | 2                   | SP                    |             |
|                 | 212-075-447-003 | ..CABLE ASSY .....   | 1                   | SP                    |             |
| 19              | MS3126F10-6P    | ..CONNECTOR .....  | 1                   | SP                    |             |
| 20              | MS27994-3       | ..SWITCH .....   | 1                   | SP                    |             |
| 21              | AN316-7R        | ..NUT .....  | 2                   | SP                    |             |
| 22              | 212-001-048-001 | ..ACTUATOR, ROTARY (USBL ON 212-001-034-001, -105<br>AND 212-001-035-001, -105) .....          | 1                   | SP                    |             |
| 22              | 212-001-048-101 | ..ACTUATOR, ROTARY (USBL ON 212-001-034-117<br>AND 212-001-035-113) .....                      | 1                   | SP                    |             |
| 22              | 212-001-048-103 | ..ACTUATOR, ROTARY (USBL ON 212-001-034-129<br>AND 212-001-035-121) .....                      | 1                   | SP                    |             |
| 23              | MS9461-05       | ..BALL (REPLACED BY MS19060-4812) .....  | 1                   | P                     |             |
| 23              | MS19060-4812    | ..BEARING (REPLACES MS9461-05) .....   | 1                   | SP                    |             |
| 24              | 212-001-046-001 | ..CAP (USBL ON 212-001-034-001, -105) .....  | 1                   | SP                    |             |
| 24              | 212-001-046-101 | ..CAP (USBL ON 212-001-034-117, -129) .....  | 1                   | SP                    |             |
| 24              | 212-001-046-003 | ..CAP (USBL ON 212-001-035-001, -105) .....  | 1                   | SP                    |             |
| 24              | 212-001-046-103 | ..CAP (USBL ON 212-001-035-113, -121) .....  | 1                   | P                     |             |
| 25              | 212-001-047-001 | ..NUT .....  | 1                   | P                     |             |
|                 | 212-001-034-003 | ..SPRING ASSY (REPLACED BY 212-001-034-107) .....  | 1                   | P                     |             |
|                 | 212-001-034-107 | ..SPRING ASSY (REPLACES 212-001-034-003)<br>(REPLACED BY 212-001-034-119) .....                | 1                   |                       |             |
|                 | 212-001-034-119 | ..SPRING ASSY (REPLACES 212-001-034-107) .....   | 1                   |                       |             |
|                 | 212-001-035-003 | ..SPRING ASSY (REPLACED BY 212-001-035-107) .....  | 1                   | P                     |             |
|                 | 212-001-035-107 | ..SPRING ASSY (REPLACES 212-001-035-003)<br>(REPLACED BY 212-001-035-115) .....                | 1                   | P                     |             |
|                 | 212-001-035-115 | ..SPRING ASSY (REPLACES 212-001-035-107) .....   | 1                   |                       |             |
| 26              | AN316-7R        | ..NUT .....  | 2                   | SP                    |             |
| 27              | AN960PD1016     | ..WASHER (USBL ON 212-001-034-003)<br>(REPLACED BY AN960JD1016) .....                          | 2                   | P                     |             |
| 27              | AN960JD1016     | ..WASHER (USBL ON 212-001-034-003) (REPLACES<br>AN960PD1016) (REPLACED BY NAS1149D1063J) ..... | 2                   | P                     |             |
| 27              | NAS1149D1063J   | ..WASHER (USBL ON 212-001-034-003)<br>(REPLACES AN960JD1016) .....                             | 2                   | SP                    |             |
| 27              | 140-009D44S74   | ..WASHER (USBL ON 212-001-034-107) .....   | 2                   | SP                    |             |
| 28              | 204-001-036-001 | ..GUIDE ASSY (USBL ON 212-001-034-003<br>AND 212-001-035-003) .....                            | 2                   | SP                    |             |
| 28              | 412-001-040-101 | ..GUIDE ASSY (USBL ON 212-001-034-107<br>AND 212-001-035-107, -111) .....                      | 2                   | SP                    |             |
| 28              | 412-001-040-103 | ..GUIDE ASSY (USBL ON 212-001-034-119<br>AND 212-001-035-115) .....                            | 2                   | P                     |             |
| 29              | 204-001-032-001 | ..SPRING (USBL ON 212-001-034-003<br>AND -107) .....   | 1                   | SP                    |             |
| 29              | DELETED         |  |                     |                       |             |
| 29              | 540-001-027-001 | ..SPRING (USBL ON 212-001-035-003<br>AND -107) .....   | 1                   | SP                    |             |
| 30              | AN960-716L      | ..WASHER (USBL ON 212-001-034-107<br>AND 212-001-035-107) (REPLACED BY<br>NAS1149F0732P) ..... | 1                   | P                     |             |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-21. Kit Installation, Automatic Flight Control System (Cont'd)</b>     |                            |                              |                    |
| 30                     | NAS1149F0732P      | ...WASHER (USBL ON 212-001-034-107 AND 212-001-035-107) (REPLACES AN960-716L) ..... | 1                          | SP                           |                    |
| 31                     | 204-001-048-003    | ...SHAFT .....  | 1                          | SP                           |                    |
| 32                     | 204-001-042-005    | ..CYLINDER ASSY (USBL ON 212-001-034-001, -105 AND 212-001-035-001, -105) .....     | 1                          | SP                           |                    |
| 32                     | 204-001-042-113    | ..CYLINDER ASSY (USBL ON 212-001-034-117, -129 AND 212-001-035-113, -121) .....     | 1                          | P                            |                    |
| 33                     | MS17825-3          | .NUT (REPLACED BY MS14144L3) .....  | 2                          | NP                           |                    |
| 33                     | MS14144L3          | .NUT (REPLACES MS17825-3) .....   | 2                          | SP                           |                    |
| 34                     | 50Z10-6.5-2        | .SPACER .....   | 1                          | SP                           |                    |
| 35                     | AN960PD10L         | .WASHER (REPLACED BY AN960JD10L) .....  | 3                          | P                            |                    |
| 35                     | AN960JD10L         | .WASHER, FLAT (REPLACES AN960PD10L) (REPLACED BY NAS1149D0332J) .....               | 3                          | P                            |                    |
| 35                     | NAS1149D0332J      | .WASHER, FLAT (REPLACES AN960JD10L) .....   | 3                          | SP                           |                    |
| 36                     | NAS43DD3-32        | .SPACER (REPLACED BY NAS43DD3-32N) .....  | 1                          | P                            |                    |
| 36                     | NAS43DD3-32N       | .SPACER (REPLACES NAS43DD3-32) .....  | 1                          | SP                           |                    |
| 37                     | NAS43DD3-18        | .SPACER .....   | 2                          | P                            |                    |
| 38                     | NAS1303-17D        | .BOLT (USBL ON 212-706-111-001 AND -101) (REPLACED BY NAS6603D17) .....             | 1                          | P                            |                    |
| 38                     | NAS6603D17         | .BOLT (USBL ON 212-706-111-001 AND -101) (REPLACES NAS1303-17D) .....               | 1                          | SP                           |                    |
| 39                     | NAS1303-16D        | .BOLT (USBL ON 212-706-111-001 AND -101) (REPLACED BY NAS6603D16) .....             | 1                          | P                            |                    |
| 39                     | NAS6603D16         | .BOLT (USBL ON 212-706-111-001 AND -101) (REPLACES NAS1303-16D) .....               | 1                          | SP                           |                    |
| 40                     | 570-074-080-003    | .TRANSDUCER ASSY .....  | 1                          | SP                           |                    |
| 41                     | AN960C416          | .WASHER, FLAT (REPLACED BY NAS1149C0463R) .....                                     | 4                          | P                            |                    |
| 41                     | NAS1149C0463R      | .WASHER (REPLACES AN960C416) .....  | 4                          | SP                           |                    |
| 42                     | NAS1304-17D        | .BOLT (REPLACED BY NAS6604D17) .....  | 2                          | P                            |                    |
| 42                     | NAS6604D17         | .BOLT (REPLACES NAS1304-17D) .....  | 2                          | SP                           |                    |
|                        | 212-001-081-003    | .SERVO ACTUATOR ASSY .....  | 1                          | P                            |                    |
| 43                     | 214-001-056-005    | ..CLEVIS .....  | 1                          | SP                           |                    |
| 44                     | NAS509-7           | ..NUT .....   | 1                          | SP                           |                    |
| 45                     | NAS559-3           | ..ROD END LOCK .....  | 2                          | SP                           |                    |
| 46                     | 209-076-105-001    | ..NUT .....   | 1                          | SP                           |                    |
| 47                     | 41001140-001       | ..SERVO ACTUATOR .....  | 1                          | SP                           |                    |
| 48                     | 212-001-223-009    | ..DECAL (SERVO ACTUATOR ASSY) .....   | 1                          | P                            |                    |
| 49                     | 214-076-101-009    | ..TUBE ASSY .....   | 2                          | SP                           |                    |
| 50                     | NAS1303-12H        | .BOLT (REPLACED BY NAS6603H12) .....  | 1                          | P                            |                    |
| 50                     | NAS6603H12         | .BOLT (REPLACES NAS1303-12H) .....  | 1                          | SP                           |                    |
| 51                     | 50Z10-6.5-2        | .SPACER .....   | 1                          | SP                           |                    |
| 52                     | NAS43DD3-25        | .SPACER .....   | 1                          | SP                           |                    |
| 53                     | MS17825-3          | .NUT (REPLACED BY MS14144L3) .....  | 1                          | NP                           |                    |
| 53                     | MS14144L3          | .NUT (REPLACES MS17825-3) .....   | 1                          | SP                           |                    |
| 54                     | AN960PD10          | .WASHER (REPLACED BY AN960JD10) .....   | 2                          | P                            |                    |
| 54                     | AN960JD10          | .WASHER (REPLACES AN960PD10) (REPLACED BY NAS1149D0363J) .....                      | 2                          | P                            |                    |
| 54                     | NAS1149D0363J      | .WASHER (REPLACES AN960JD10) .....  | 2                          | SP                           |                    |
| 55                     | NAS43DD3-36        | .SPACER .....   | 1                          |                              |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-21. Kit Installation, Automatic Flight Control System (Cont'd)</b> |                            |                              |                    |
| 56                     | NAS43DD3-31        | .SPACER .....   | 1                          |                              |                    |
| 57                     | NAS1303-24D        | .BOLT .....   | 1                          |                              |                    |
| 58                     | 570-074-080-003    | .TRANSDUCER ASSY .....  | 1                          | SP                           |                    |
| 59                     | NAS1304-17H        | .BOLT (REPLACED BY NAS6604H17) .....  | 1                          | P                            |                    |
| 59                     | NAS6604H17         | .BOLT (REPLACES NAS1304-17H) .....  | 1                          | P                            |                    |
| 60                     | AN960-416L         | .WASHER (REPLACED BY NAS1149F0432P) .....                                       | 1                          | P                            |                    |
| 60                     | NAS1149F0432P      | .WASHER (REPLACES AN960-416L) .....   | 1                          | SP                           |                    |
| 61                     | 212-001-039-001    | .CLEVIS .....   | 1                          | P                            |                    |
| 62                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) .....  | 1                          | NP                           |                    |
| 62                     | MS14144L4          | .NUT (REPLACES MS17825-4) .....   | 1                          | SP                           |                    |
| 63                     | NAS6604H48         | .BOLT .....   | 3                          | P                            |                    |
| 64                     | 212-001-315-001    | .BOLT .....   | 1                          | SP                           |                    |
| 65                     | NAS1197-416        | .WASHER .....   | 4                          | SP                           |                    |
| 66                     | 214-001-347-001    | .ACTUATOR .....   | 1                          |                              |                    |
|                        |                    | (ALTERNATE PART)  |                            |                              |                    |
| 66                     | 214-001-347-005    | .ACTUATOR .....   | 1                          | SP                           |                    |
| 67                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) .....  | 2                          | NP                           |                    |
| 67                     | MS14144L4          | .NUT (REPLACES MS17825-4) .....   | 2                          | SP                           |                    |
| 68                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) .....  | 4                          | NP                           |                    |
| 68                     | AN960JD416         | .WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) .....        | 4                          | P                            |                    |
| 68                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) .....   | 4                          | SP                           |                    |
| 69                     | NAS1304-30D        | .BOLT .....   | 1                          |                              |                    |
| 70                     | NAS1304-35D        | .BOLT .....   | 1                          |                              |                    |
| 71                     | 214-001-305-001    | .IDLER .....  | 1                          | SP                           |                    |
|                        |                    | (ALTERNATE PART)  |                            |                              |                    |
| 71                     | 412-001-319-101    | .IDLER .....  | 1                          | P                            |                    |
| 72                     | NAS428-4-10        | .BOLT .....   | 2                          | SP                           |                    |
| 73                     | AN316-4            | .NUT (REPLACED BY AN316-4R) .....   | 2                          | NP                           |                    |
| 73                     | AN316-4R           | .NUT (REPLACES AN316-4) .....   | 2                          | SP                           |                    |
| 74                     | NAS1304-7          | .BOLT (REPLACED BY NAS6604-7) .....   | 4                          | SP                           |                    |
| 74                     | NAS6604-7          | .BOLT (REPLACES NAS1304-7) .....  | 4                          | SP                           |                    |
| 75                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) .....  | 4                          | NP                           |                    |
| 75                     | AN960JD416         | .WASHER, FLAT (REPLACES AN960PD416)<br>(REPLACED BY NAS1149D0463J) .....        | 4                          | P                            |                    |
| 75                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) .....   | 4                          | SP                           |                    |
| 76                     | 212-001-313-001    | .SUPPORT .....  | 1                          | SP                           |                    |
| 77                     | AN960C416          | .WASHER, FLAT (REPLACED BY NAS1149C0463R) .....                                 | 2                          | P                            |                    |
| 77                     | NAS1149C0463R      | .WASHER (REPLACES AN960C416) .....  | 2                          | SP                           |                    |
| 78                     | NAS1304-17D        | .BOLT (REPLACED BY NAS6604D17) .....  | 1                          | P                            |                    |
| 78                     | NAS6604D17         | .BOLT (REPLACES NAS1304-17D) .....  | 1                          | SP                           |                    |
|                        | 212-001-080-003    | .SERVO ACTUATOR ASSY .....  | 1                          | P                            |                    |
| 79                     | 214-001-066-001    | ..BEARING .....   | 1                          | SP                           |                    |
| 80                     | NAS509-7           | ..NUT .....   | 1                          | SP                           |                    |
| 81                     | NAS559-3           | ..ROD END LOCK .....  | 2                          | SP                           |                    |
| 82                     | 209-076-105-001    | ..NUT .....   | 1                          | SP                           |                    |
| 83                     | 41001140-001       | ..SERVO ACTUATOR .....  | 1                          | SP                           |                    |
| 84                     | 214-076-102-005    | ..TUBE ASSY .....   | 1                          | P                            |                    |
| 85                     | 214-001-057-001    | .TUBE ASSY .....  | 1                          | SP                           |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-21. Kit Installation, Automatic Flight Control System (Cont'd)</b> |                            |                              |                    |
| 86                     | MS21042L3          | .NUT, SELF-LOCKING .....  | 1                          | SP                           |                    |
| 87                     | AN960PD10L         | .WASHER (REPLACED BY AN960JD10L) .....  | 1                          | P                            |                    |
| 87                     | AN960JD10L         | .WASHER, FLAT (REPLACES AN960PD10L)<br>(REPLACED BY NAS1149D0332J) .....        | 1                          | P                            |                    |
| 87                     | NAS1149D0332J      | .WASHER, FLAT (REPLACES AN960JD10L) .....                                       | 1                          | SP                           |                    |
| 88                     | MS27039-1-07       | .SCREW .....  | 1                          | SP                           |                    |
| 89                     | MS21919WDG9        | .CLAMP .....  | 1                          | SP                           |                    |
| 90                     | MS21919WDG4        | .CLAMP .....  | 1                          | SP                           |                    |
| 91                     | MS17825-3          | .NUT (USBL ON 212-706-111-103 AND -105)<br>(REPLACED BY MS14144L3) .....        | 1                          | NP                           |                    |
| 91                     | MS14144L3          | .NUT (USBL ON 212-706-111-103 AND -105)<br>(REPLACES MS17825-3) .....           | 1                          | SP                           |                    |
| 92                     | AN960JD10          | .WASHER (USBL ON 212-706-111-103 AND -105)<br>(REPLACED BY NAS1149D0363J) ..... | 4                          | P                            |                    |
| 92                     | NAS1149D0363J      | .WASHER (USBL ON 212-706-111-103 AND -105)<br>(REPLACES AN960JD10) .....        | 4                          | SP                           |                    |
| 93                     | NAS43DD3-18        | .SPACER (USBL ON 212-706-111-103 AND -105) .....                                | 2                          | P                            |                    |
| 94                     | NAS43DD3-42        | .SPACER (USBL ON 212-706-111-103 AND -105) .....                                | 1                          |                              |                    |
| 95                     | NAS43DD3-8         | .SPACER (USBL ON 212-706-111-103 AND -105) .....                                | 1                          | P                            |                    |
| 96                     | 212-001-330-101    | .PLATE (USBL ON 212-706-111-103 AND -105) .....                                 | 1                          | P                            |                    |
| 97                     | NAS6603D32         | .BOLT (USBL ON 212-706-111-103 AND -105) .....                                  | 1                          | SP                           |                    |
| 98                     | MS17825-3          | .NUT (USBL ON 212-706-111-103 AND -105)<br>(REPLACED BY MS14144L3) .....        | 1                          | NP                           |                    |
| 98                     | MS14144L3          | .NUT (USBL ON 212-706-111-103 AND -105)<br>(REPLACES MS17825-3) .....           | 1                          | SP                           |                    |
| 99                     | AN960JD10          | .WASHER (USBL ON 212-706-111-103 AND -105)<br>(REPLACED BY NAS1149D0363J) ..... | 3                          | P                            |                    |
| 99                     | NAS1149D0363J      | .WASHER (USBL ON 212-706-111-103 AND -105)<br>(REPLACES AN960JD10) .....        | 3                          | SP                           |                    |
| 100                    | 50Z10-6.5-2        | .SPACER (USBL ON 212-706-111-103 AND -105) .....                                | 1                          | SP                           |                    |
| 101                    | NAS43DD3-32        | .SPACER (USBL ON 212-706-111-103 AND -105)<br>(REPLACED BY NAS43DD3-32N) .....  | 1                          | P                            |                    |
| 101                    | NAS43DD3-32N       | .SPACER (USBL ON 212-706-111-103 AND -105)<br>(REPLACES NAS43DD3-32) .....      | 1                          | SP                           |                    |
| 102                    | NAS43DD3-34        | .SPACER (USBL ON 212-706-111-103 AND -105) .....                                | 1                          |                              |                    |
| 103                    | NAS43DD3-12        | .SPACER (USBL ON 212-706-111-103 AND -105) .....                                | 1                          | P                            |                    |
| 104                    | 212-001-329-101    | .PLATE (USBL ON 212-706-111-103 AND -105) .....                                 | 1                          | P                            |                    |
| 105                    | NAS6603D31         | .BOLT (USBL ON 212-706-111-103 AND -105) .....                                  | 1                          | SP                           |                    |
| 106                    | 212-001-331-101    | .SPRING (USBL ON 212-706-111-103 AND 105) .....                                 | 1                          | P                            |                    |
|                        |                    | <b>AVAIL CODE      DEFINITION</b>   |                            |                              |                    |
|                        |                    | P                  Procurable   |                            |                              |                    |
|                        |                    | NP                Non Procurable  |                            |                              |                    |
|                        |                    | SP                Normal Stock/Procurement                                      |                            |                              |                    |
|                        |                    | See introduction on availability codes for<br>additional information.           |                            |                              |                    |



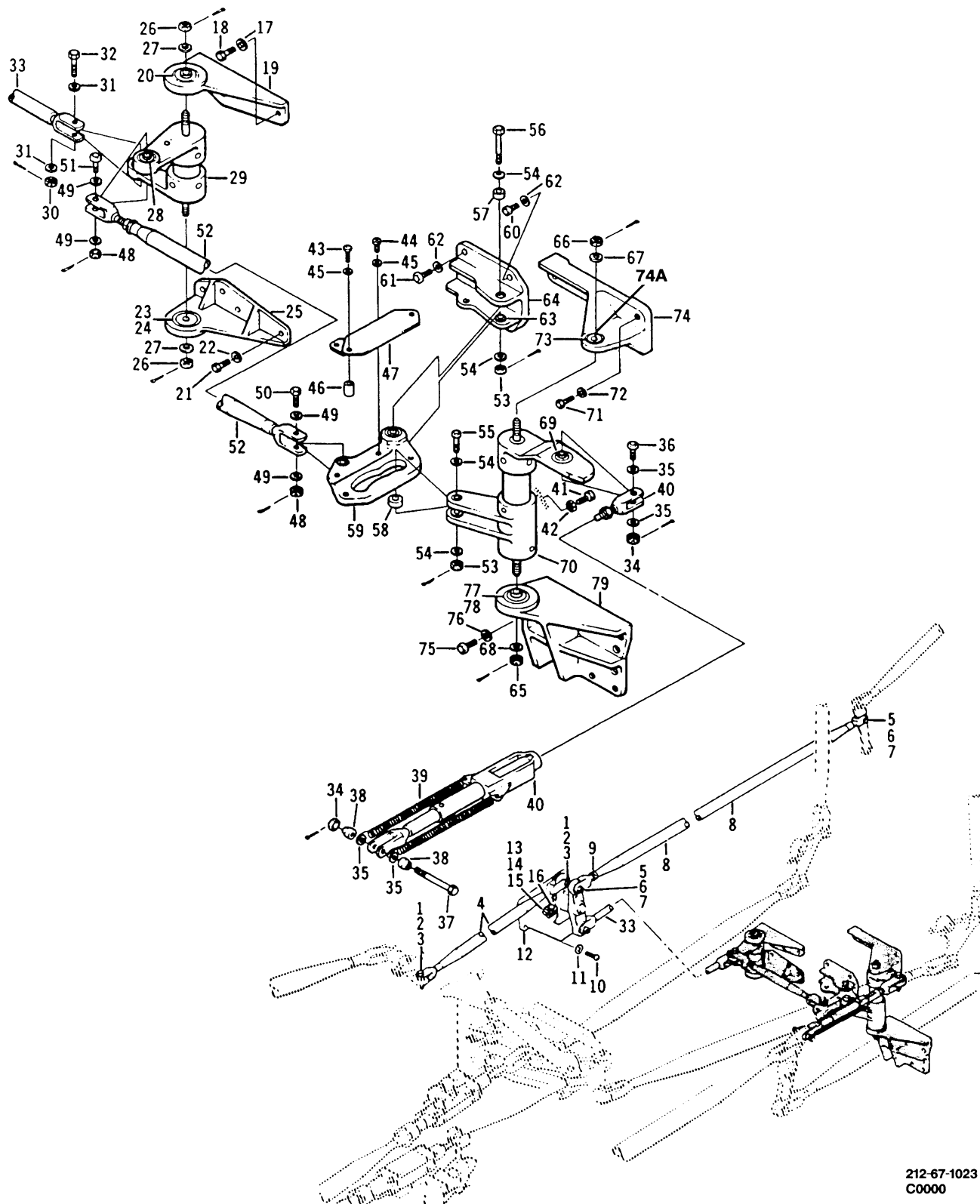
**Figure 67-22. Kit Installation, automatic flight control system**



| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-22. Kit Installation, Automatic Flight Control System</b>                        |                            |                              |                    |
|                        | 212-706-111-001    | KIT INSTL, AUTOMATIC FLIGHT CONTROL SYSTEM<br>(SEE FIG. 21 FOR BALANCE OF BREAKDOWN) .....    | REF                        | NP                           |                    |
|                        | 212-706-111-101    | KIT INSTL, AUTOMATIC FLIGHT CONTROL SYSTEM<br>(SEE FIG. 21 FOR BALANCE OF BREAKDOWN) .....    | REF                        | NP                           |                    |
|                        | 212-706-111-103    | KIT INSTL, AUTOMATIC FLIGHT CONTROL SYSTEM<br>(SEE FIG. 21 FOR BALANCE OF BREAKDOWN) .....    | REF                        | NP                           |                    |
|                        | 212-706-111-105    | KIT INSTL, AUTOMATIC FLIGHT CONTROL SYSTEM<br>(SEE FIG. 21 FOR BALANCE OF BREAKDOWN) .....    | REF                        | NP                           |                    |
|                        | 212-001-033-001    | .FORCE GRADIENT ASSY<br>(REPLACED BY 212-001-033-105) .....                                   | 1                          | SP                           |                    |
|                        | 212-001-033-105    | .FORCE GRADIENT ASSY (REPLACES 212-001-033-001)<br>(REPLACED BY 212-001-033-113) .....        | 1                          | P                            |                    |
|                        | 212-001-033-113    | .FORCE GRADIENT ASSY (REPLACES 212-001-033-105)<br>(REPLACED BY 212-001-033-121) .....        | 1                          | SP                           |                    |
|                        | 212-001-033-121    | .FORCE GRADIENT ASSY<br>(REPLACES 212-001-033-113) .....                                      | 1                          | P                            |                    |
| 1                      | MS35206-214        | ..SCREW .....   | 2                          | SP                           |                    |
| 2                      | MS35333-36         | ..WASHER .....  | 2                          | SP                           |                    |
| 3                      | 212-001-045-001    | ..RETAINER .....  | 1                          | P                            |                    |
| 4                      | MS35649-222        | ..NUT .....   | 2                          | SP                           |                    |
| 5                      | MS35333-35         | ..WASHER .....  | 2                          | SP                           |                    |
| 6                      | 140-009A6S11       | ..WASHER .....  | 2                          | SP                           |                    |
| 7                      | MS35206-207        | ..SCREW .....   | 2                          | SP                           |                    |
|                        | 212-075-447-003    | ..CABLE ASSY .....  | 1                          | SP                           |                    |
| 8                      | MS3126F10-6P       | ..CONNECTOR .....   | 1                          | SP                           |                    |
| 9                      | MS27994-3          | ..SWITCH .....  | 1                          | SP                           |                    |
| 10                     | AN316-7R           | ..NUT .....   | 2                          | SP                           |                    |
| 11                     | 212-001-048-001    | ..ACTUATOR, ROTARY<br>(USBL ON 212-001-033-001, -105) .....                                   | 1                          | SP                           |                    |
| 11                     | 212-001-048-101    | ..ACTUATOR, ROTARY<br>(USBL ON 212-001-033-113) .....   | 1                          | SP                           |                    |
| 11                     | 212-001-048-103    | ..ACTUATOR, ROTARY<br>(USBL ON 212-001-033-121) .....   | 1                          | SP                           |                    |
| 12                     | MS9461-05          | ..BALL (REPLACED BY MS19060-4812) .....   | 1                          | P                            |                    |
| 12                     | MS19060-4812       | ..BEARING (REPLACES MS9461-05) .....  | 1                          | SP                           |                    |
| 13                     | 212-001-046-001    | ..CAP (USBL ON 212-001-033-001, -105) .....   | 1                          | SP                           |                    |
| 13                     | 212-001-046-101    | ..CAP (USBL ON 212-001-033-113, -121) .....   | 1                          | SP                           |                    |
| 14                     | 212-001-047-001    | ..NUT .....   | 1                          | P                            |                    |
|                        | 212-001-033-003    | ..SPRING ASSY (USBL ON 212-001-033-001) .....   | 2                          | P                            |                    |
|                        | 212-001-033-107    | ..SPRING ASSY (USBL ON 212-001-033-105) .....   | 2                          | P                            |                    |
|                        | 212-001-033-115    | ..FORCE GRADIENT ASSY<br>(USBL ON 212-001-033-113, -121) .....                                | 2                          | P                            |                    |
| 15                     | AN316-7R           | ..NUT .....   | 3                          | SP                           |                    |
| 16                     | AN960PD1016        | ..WASHER (USBL ON 212-001-033-003)<br>(REPLACED BY AN960JD1016) .....                         | 2                          | P                            |                    |
| 16                     | AN960JD1016        | ..WASHER (USBL ON 212-001-033-003) (REPLACES<br>AN960PD1016) (REPLACED BY NAS1149D1063J) .... | 2                          | P                            |                    |
| 16                     | NAS1149D1063J      | ..WASHER (USBL ON 212-001-033-003)<br>(REPLACES AN960JD1016) .....                            | 2                          | SP                           |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-22. Kit Installation, Automatic Flight Control System (Cont'd)</b> |                            |                              |                    |
| 16                     | 140-009D44S74      | ...WASHER (USBL ON 212-001-033-107) .....                                       | 2                          | SP                           |                    |
| 17                     | 204-001-036-001    | ...GUIDE ASSY (USBL ON 212-001-033-003) .....                                   | 2                          | SP                           |                    |
| 17                     | 412-001-040-101    | ...GUIDE ASSY (USBL ON 212-001-033-107) .....                                   | 2                          | SP                           |                    |
| 18                     | 204-001-063-001    | ...SPRING .....   | 1                          | SP                           |                    |
| 19                     | AN960-716L         | ...WASHER (USBL ON 212-001-033-107)<br>(REPLACED BY NAS1149F0732P) .....        | 1                          | P                            |                    |
| 19                     | NAS1149F0732P      | ...WASHER (USBL ON 212-001-033-107)<br>(REPLACES AN960-716L) .....              | 1                          | SP                           |                    |
| 20                     | 204-001-048-003    | ...SHAFT .....  | 1                          | SP                           |                    |
| 21                     | 204-001-042-005    | ..CYLINDER ASSY<br>(USBL ON 212-001-033-001, -105) .....                        | 1                          | SP                           |                    |
| 21                     | 204-001-042-113    | ..CYLINDER ASSY<br>(USBL ON 212-001-033-113, -121) .....                        | 1                          | P                            |                    |
| 22                     | 214-001-347-001    | .ACTUATOR .....   | 1                          |                              |                    |
|                        |                    | (ALTERNATE PART)  |                            |                              |                    |
| 22                     | 214-001-347-005    | .ACTUATOR .....   | 1                          | SP                           |                    |
| 23                     | MS17825-3          | .NUT (REPLACED BY MS14144L3) .....  | 2                          | NP                           |                    |
| 23                     | MS14144L3          | .NUT (REPLACES MS17825-3) .....   | 2                          | SP                           |                    |
| 24                     | NAS1197-10         | .WASHER .....   | 1                          | SP                           |                    |
| 25                     | AN960PD10          | .WASHER (REPLACED BY AN960JD10) .....   | 3                          | P                            |                    |
| 25                     | AN960JD10          | .WASHER (REPLACES AN960PD10)<br>(REPLACED BY NAS1149D0363J) .....               | 3                          | P                            |                    |
| 25                     | NAS1149D0363J      | .WASHER (REPLACES AN960JD10) .....  | 3                          | SP                           |                    |
| 26                     | NAS1303-7D         | .BOLT (REPLACED BY NAS6603D7) .....   | 1                          | P                            |                    |
| 26                     | NAS6603D7          | .BOLT (REPLACES NAS1303-7D) .....   | 1                          | SP                           |                    |
| 27                     | NAS1303-22D        | .BOLT (REPLACED BY NAS6603D22) .....  | 1                          | P                            |                    |
| 27                     | NAS6603D22         | .BOLT (REPLACES NAS1303-22D) .....  | 1                          | P                            |                    |
| 28                     | NAS43DD3-48        | .SPACER (REPLACED BY NAS43DD3-48N) .....  | 1                          | P                            |                    |
| 28                     | NAS43DD3-48N       | .SPACER (REPLACES NAS43DD3-48) .....  | 1                          | SP                           |                    |
| 29                     | 570-074-080-003    | .TRANSDUCER ASSY .....  | 1                          | SP                           |                    |
| 30                     | MS27039-0807       | .SCREW .....  | 8                          | SP                           |                    |
|                        | 212-001-271-001    | .CONTROLS INSTL, COLLECTIVE YAW COUPLING<br>(SEE FIG. 23 FOR BREAKDOWN) .....   | 1                          | NP                           |                    |
| 31                     | AN960PD8L          | .WASHER (REPLACED BY AN960JD8L) .....   | 8                          | P                            |                    |
| 31                     | AN960JD8L          | .WASHER (REPLACES AN960PD8L)<br>(REPLACED BY NAS1149DN816J) .....               | 8                          | P                            |                    |
| 31                     | NAS1149DN816J      | .WASHER (REPLACES AN960JD8L) .....  | 8                          | SP                           |                    |
|                        | 212-030-499-011    | .CLOSURE ASSY .....   | 1                          | P                            |                    |
| 32                     | 212-030-499-017    | ..RETAINER .....  | 1                          |                              |                    |
| 33                     | MS27039-0807       | ..SCREW .....   | 2                          | SP                           |                    |
| 34                     | AN960PD8L          | ..WASHER (REPLACED BY AN960JD8L) .....  | 2                          | P                            |                    |
| 34                     | AN960JD8L          | ..WASHER (REPLACES AN960PD8L)<br>(REPLACED BY NAS1149DN816J) .....              | 2                          | P                            |                    |
| 34                     | NAS1149DN816J      | ..WASHER (REPLACES AN960JD8L) .....   | 2                          | SP                           |                    |
| 35                     | 205-030-196-027    | ..BOOT .....  | 1                          | SP                           |                    |
| 36                     | 212-030-499-013    | ..DOUBLER ASSY .....  | 1                          |                              |                    |
|                        | 212-001-185-031    | .TUBE ASSY .....  | 1                          | P                            |                    |
| 37                     | 209-076-105-001    | ..NUT .....   | 1                          | SP                           |                    |
| 38                     | NAS559-3           | ..ROD END LOCK .....  | 2                          | SP                           |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>Figure 67-22. Kit Installation, Automatic Flight Control System (Cont'd)</b> |                            |                              |                    |
| 39                     | NAS559-2           | ..ROD END LOCK .....  | 1                          | SP                           |                    |
| 40                     | NAS509-7           | ..NUT .....   | 1                          | SP                           |                    |
| 41                     | NAS509-6           | ..NUT .....   | 1                          | SP                           |                    |
| 42                     | 212-001-193-005    | ..ADAPTER .....   | 1                          | SP                           |                    |
| 43                     | 047-729-155-005    | ..BEARING .....   | 1                          | SP                           |                    |
| 44                     | 41001140-001       | ..SERVO ACTUATOR .....  | 1                          | SP                           |                    |
| 45                     | 212-001-185-023    | ..TUBE ASSY .....   | 1                          | P                            |                    |
| 46                     | 212-001-064-003    | ...CLEVIS .....   | 1                          | P                            |                    |
|                        |                    | (ALTERNATE PART)  |                            |                              |                    |
| 46                     | 212-001-059-105    | ...CLEVIS .....   | 1                          | SP                           |                    |
| 47                     | NAS529-6-19        | ...RIVET .....  | 2                          | SP                           |                    |
| 48                     | NAS528-A6          | ...COLLAR .....   | 2                          | SP                           |                    |
| 49                     | 212-001-184-007    | ...ADAPTER .....  | 1                          | P                            |                    |
|                        |                    | <b>AVAIL CODE      DEFINITION</b>   |                            |                              |                    |
|                        |                    | P                  Procurable   |                            |                              |                    |
|                        |                    | NP                Non Procurable  |                            |                              |                    |
|                        |                    | SP                Normal Stock/Procurable                                       |                            |                              |                    |
|                        |                    | See introduction on availability codes for additional information.              |                            |                              |                    |



212-67-1023  
C0000

Figure 67-23. Controls installation, collective yaw coupling

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-23. Controls installation, collective yaw coupling</b>  |                            |                              |                    |
|                        | 212-001-271-001    | CONTROLS INSTL, COLLECTIVE YAW COUPLING (SEE FIG. . . . . 22 FOR NHA) | REF                        |                              |                    |
| 1                      | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .                                | 2                          | 1                            |                    |
| 1                      | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .                                   | 2                          | 1                            |                    |
| 2                      | AN960C416          | .WASHER (REPLACED BY NAS1149C0463R) . . . . .                         | 4                          | 1                            |                    |
| 2                      | NAS1149C0463R      | .WASHER (REPLACES AN960C416) . . . . .                                | 4                          |                              |                    |
| 3                      | NAS1304-17D        | .BOLT (REPLACED BY NAS6604D17) . . . . .                              | 2                          |                              |                    |
| 3                      | NAS6604D17         | .BOLT (REPLACES NAS1304-17D) . . . . .                                | 2                          |                              |                    |
| 4                      | 212-001-739-005    | .TUBE ASSY . . . . .  | 1                          | 1                            |                    |
| 5                      | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .                                | 2                          | 1                            |                    |
| 5                      | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .                                   | 2                          | 1                            |                    |
| 6                      | AN960C416          | .WASHER (REPLACED BY NAS1149C0463R) . . . . .                         | 4                          | 1                            |                    |
| 6                      | NAS1149C0463R      | .WASHER (REPLACES AN960C416) . . . . .                                | 4                          |                              |                    |
| 7                      | NAS1304-17D        | .BOLT (REPLACED BY NAS6604D17) . . . . .                              | 2                          |                              |                    |
| 7                      | NAS6604D17         | .BOLT (REPLACES NAS1304-17D) . . . . .                                | 2                          |                              |                    |
| 8                      | 212-001-739-013    | .TUBE ASSY . . . . .  | 1                          | 1                            |                    |
| 9                      | AN737TW24          | .CLAMP . . . . .  | 1                          | 1                            |                    |
| 10                     | NAS1304-5          | .BOLT (REPLACED BY NAS6604-5) . . . . .                               | 5                          |                              |                    |
| 10                     | NAS6604-5          | .BOLT (REPLACES NAS1304-5) . . . . .                                  | 5                          | 1                            |                    |
| 11                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .                            | 5                          |                              |                    |
| 11                     | AN960JD416         | .WASHER (REPLACES AN960PD416) (REPLACED BY . . . . . NAS1149D0463J)   | 5                          |                              |                    |
| 11                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) . . . . .                               | 5                          |                              |                    |
| 12                     | 212-001-780-001    | .MIXER ASSY (SEE FIG. 24 FOR BREAKDOWN) . . . . .                     | 1                          | 1                            |                    |
| 13                     | MS21042L3          | .NUT . . . . .  | 2                          | 1                            |                    |
| 14                     | AN960D10           | .WASHER (REPLACED BY NAS1149D0363H) . . . . .                         | 4                          | 0                            |                    |
| 14                     | NAS1149D0363H      | .WASHER (REPLACES AN960D10) . . . . .                                 | 4                          |                              |                    |
| 15                     | AN525-10R14        | .SCREW . . . . .  | 2                          | 1                            |                    |
| 16                     | 212-070-698-001    | .FAIRLEAD . . . . .   | 2                          | 1                            |                    |
| 17                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .                            | 4                          |                              |                    |
| 17                     | AN960JD416         | .WASHER (REPLACES AN960PD416) (REPLACED BY . . . . . NAS1149D0463J)   | 4                          |                              |                    |
| 17                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) . . . . .                               | 4                          |                              |                    |
| 18                     | NAS1304-7          | .BOLT (REPLACED BY NAS6604-7) . . . . .                               | 4                          | 0                            |                    |
| 18                     | NAS6604-7          | .BOLT (REPLACES NAS1304-7) . . . . .                                  | 4                          | 1                            |                    |
|                        | 212-001-753-001    | .SUPPORT ASSY . . . . .   | 1                          | 6                            |                    |
| 19                     | 212-001-753-003    | .SUPPORT . . . . .  | 1                          |                              |                    |
| 20                     | 120-011-5S         | .SLEEVE . . . . .   | 1                          | 1                            |                    |
| 21                     | NAS1304-7          | .BOLT (REPLACED BY NAS6604-7) . . . . .                               | 4                          | 0                            |                    |
| 21                     | NAS6604-7          | .BOLT (REPLACES NAS1304-7) . . . . .                                  | 4                          | 1                            |                    |
| 22                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .                            | 4                          |                              |                    |
| 22                     | AN960JD416         | .WASHER (REPLACES AN960PD416) (REPLACED BY . . . . . NAS1149D0463J)   | 4                          |                              |                    |
| 22                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) . . . . .                               | 4                          |                              |                    |
|                        | 212-001-753-002    | .SUPPORT ASSY . . . . .   | 1                          | 6                            |                    |
| 23                     | MS27645-5          | .BEARING . . . . .  | 1                          | 1                            |                    |
| 24                     | 120-011-5A         | .SLEEVE . . . . .   | 1                          | 1                            |                    |
| 25                     | 212-001-753-004    | .SUPPORT . . . . .  | 1                          |                              |                    |
| 26                     | MS17825-5          | .NUT (REPLACED BY MS14144L5) . . . . .                                | 2                          | 1                            |                    |

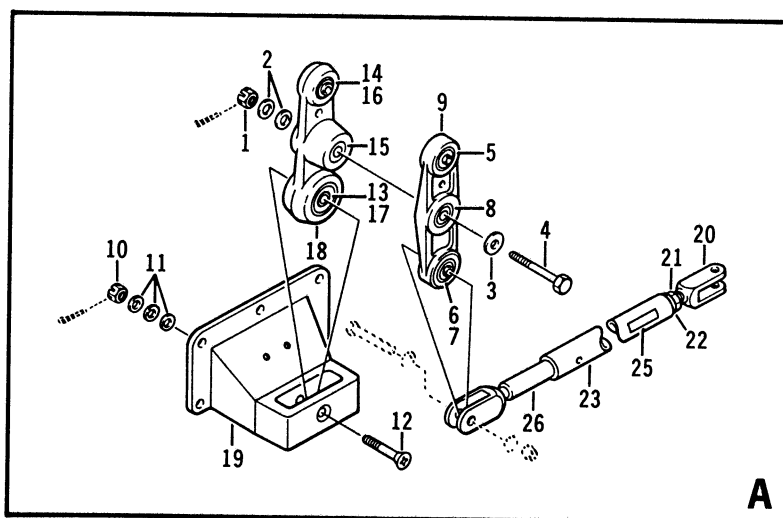
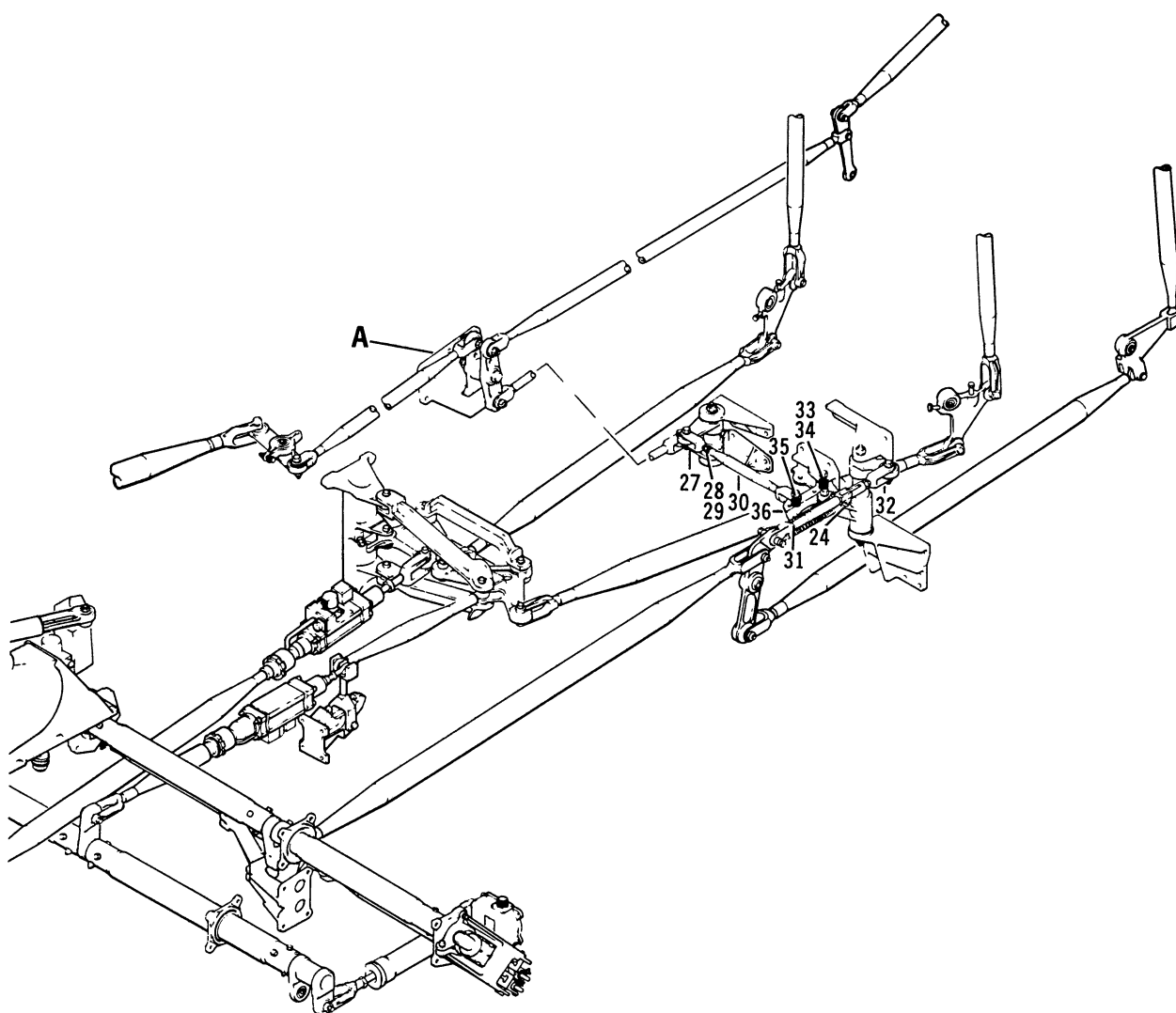
| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-23. Controls installation, collective yaw coupling (Cont'd)</b> |                            |                              |                    |
| 26                     | MS14144L5          | .NUT (REPLACES MS17825-5) . . . . .   | 2                          | 1                            |                    |
| 27                     | AN960PD516         | .WASHER (REPLACED BY AN960JD516) . . . . .                                    | 2                          |                              |                    |
| 27                     | AN960JD516         | .WASHER (REPLACES AN960PD516) (REPLACED BY . . . . .<br>NAS1149D0563J)        | 2                          | 1                            |                    |
| 27                     | NAS1149D0563J      | .WASHER (REPLACES AN960JD516) . . . . .                                       | 2                          | 1                            |                    |
| 28                     | MS27645-5          | .BEARING . . . . .  | 1                          | 1                            |                    |
| 29                     | 212-001-752-005    | .JACKSHAFT ASSY . . . . .   | 1                          | 1                            |                    |
| 30                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .  | 2                          | 1                            |                    |
| 30                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .   | 2                          | 1                            |                    |
| 31                     | AN960C416          | .WASHER (REPLACED BY NAS1149C0463R) . . . . .                                 | 4                          | 1                            |                    |
| 31                     | NAS1149C0463R      | .WASHER (REPLACES AN960C416) . . . . .  | 4                          |                              |                    |
| 32                     | NAS1304-17D        | .BOLT (REPLACED BY NAS6604D17) . . . . .                                      | 2                          |                              |                    |
| 32                     | NAS6604D17         | .BOLT (REPLACES NAS1304-17D) . . . . .  | 2                          |                              |                    |
| 33                     | 212-001-754-001    | .LINK ASSY . . . . .  | 1                          | 1                            |                    |
| 34                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .  | 2                          | 1                            |                    |
| 34                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .   | 2                          | 1                            |                    |
| 35                     | AN960C416          | .WASHER (REPLACED BY NAS1149C0463R) . . . . .                                 | 4                          | 1                            |                    |
| 35                     | NAS1149C0463R      | .WASHER (REPLACES AN960C416) . . . . .  | 4                          |                              |                    |
| 36                     | NAS1304-17D        | .BOLT (REPLACED BY NAS6604D17) . . . . .                                      | 1                          |                              |                    |
| 36                     | NAS6604D17         | .BOLT (REPLACES NAS1304-17D) . . . . .  | 1                          |                              |                    |
| 37                     | 20-057-4-29D       | .BOLT . . . . .   | 1                          | 1                            |                    |
| 38                     | 212-001-277-101    | .RETAINER, SPRING . . . . .   | 2                          | 1                            |                    |
| 39                     | MS24586-735        | .EXTENSION, SPRING . . . . .  | 2                          | 1                            |                    |
| 40                     | 212-001-262-001    | .SHEAR LINK ASSY (SEE FIG. 24 FOR BREAKDOWN) . . . . .                        | 1                          | 1                            |                    |
| 41                     | NAS428KH4-20       | .BOLT . . . . .   | 1                          |                              |                    |
| 42                     | NAS509-4           | .NUT . . . . .  | 1                          | 1                            |                    |
| 43                     | MS35274-68         | .SCREW . . . . .  | 2                          | 6                            |                    |
| 44                     | MS35274-60         | .SCREW . . . . .  | 2                          |                              |                    |
| 45                     | AN960PD10          | .WASHER (REPLACED BY AN960JD10) . . . . .                                     | 4                          |                              |                    |
| 45                     | AN960JD10          | .WASHER (REPLACES AN960PD10) (REPLACED BY . . . . .<br>NAS1149D0363J)         | 4                          |                              |                    |
| 45                     | NAS1149D0363J      | .WASHER (REPLACES AN960JD10) . . . . .  | 4                          |                              |                    |
| 46                     | 120-099-3-48       | .SPACER . . . . .   | 2                          | 1                            |                    |
| 47                     | 212-001-268-001    | .COVER . . . . .  | 1                          | 1                            |                    |
| 48                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .  | 2                          | 1                            |                    |
| 48                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .   | 2                          | 1                            |                    |
| 49                     | AN960C416          | .WASHER (REPLACED BY NAS1149C0463R) . . . . .                                 | 4                          | 1                            |                    |
| 49                     | NAS1149C0463R      | .WASHER (REPLACES AN960C416) . . . . .  | 4                          |                              |                    |
| 50                     | NAS1304-13D        | .BOLT (REPLACED BY NAS6604D13) . . . . .                                      | 1                          | 0                            |                    |
| 50                     | NAS6604D13         | .BOLT (REPLACES NAS1304-13D) . . . . .  | 1                          | 1                            |                    |
| 51                     | NAS1304-17D        | .BOLT (REPLACED BY NAS6604D17) . . . . .                                      | 1                          |                              |                    |
| 51                     | NAS6604D17         | .BOLT (REPLACES NAS1304-17D) . . . . .  | 1                          |                              |                    |
| 52                     | 212-001-266-001    | .TUBE ASSY (SEE FIG. 24 FOR BREAKDOWN) . . . . .                              | 1                          | 1                            |                    |
| 53                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .  | 2                          | 1                            |                    |
| 53                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .   | 2                          | 1                            |                    |
| 54                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .                                    | 4                          |                              |                    |
| 54                     | AN960JD416         | .WASHER (REPLACES AN960PD416) (REPLACED BY . . . . .<br>NAS1149D0463J)        | 4                          |                              |                    |
| 54                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) . . . . .                                       | 4                          |                              |                    |

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-23. Controls installation, collective yaw coupling (Cont'd)</b> |                            |                              |                    |
| 55                     | NAS1304-21D        | .BOLT (REPLACED BY NAS6604D21) . . . . .                                      | 1                          |                              |                    |
| 55                     | NAS6604D21         | .BOLT (REPLACES NAS1304-21D) . . . . .  | 1                          | 1                            |                    |
| 56                     | NAS1304-27D        | .BOLT (REPLACED BY NAS6604D27) . . . . .                                      | 1                          |                              |                    |
| 56                     | NAS6604D27         | .BOLT (REPLACES NAS1304-27D) . . . . .  | 1                          |                              |                    |
| 57                     | 21-025B25          | .BUSHING . . . . .  | 1                          | 6                            |                    |
| 58                     | CCYR3-4S           | .BEARING . . . . .  | 1                          | 0                            |                    |
| 59                     | 212-001-267-001    | .CAM ASSY (SEE FIG. 24 FOR BREAKDOWN) . . . . .                               | 1                          | 6                            |                    |
| 60                     | NAS1304-7          | .BOLT (REPLACED BY NAS6604-7) . . . . .                                       | 3                          | 0                            |                    |
| 60                     | NAS6604-7          | .BOLT (REPLACES NAS1304-7) . . . . .  | 3                          | 1                            |                    |
| 61                     | NAS1304-6          | .BOLT (REPLACED BY NAS6604-6) . . . . .                                       | 1                          |                              |                    |
| 61                     | NAS6604-6          | .BOLT (REPLACES NAS1304-6) . . . . .  | 1                          | 1                            |                    |
| 62                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .                                    | 4                          |                              |                    |
| 62                     | AN960JD416         | .WASHER (REPLACES AN960PD416) (REPLACED BY . . . . .<br>NAS1149D0463J)        | 4                          |                              |                    |
| 62                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) . . . . .                                       | 4                          |                              |                    |
| 63                     | 22-006-15-19-16    | ..BUSHING . . . . .   | 1                          | 1                            |                    |
| 64                     | 212-001-269-003    | ..SUPPORT . . . . .   | 1                          |                              |                    |
| 65                     | MS17825-5          | .NUT (REPLACED BY MS14144L5) . . . . .  | 1                          | 1                            |                    |
| 65                     | MS14144L5          | .NUT (REPLACES MS17825-5) . . . . .   | 1                          | 1                            |                    |
| 66                     | MS17825-4          | .NUT (REPLACED BY MS14144L4) . . . . .  | 1                          | 1                            |                    |
| 66                     | MS14144L4          | .NUT (REPLACES MS17825-4) . . . . .   | 1                          | 1                            |                    |
| 67                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .                                    | 1                          |                              |                    |
| 67                     | AN960JD416         | .WASHER (REPLACES AN960PD416) (REPLACED BY . . . . .<br>NAS1149D0463J)        | 1                          |                              |                    |
| 67                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) . . . . .                                       | 1                          |                              |                    |
| 68                     | AN960PD516         | .WASHER (REPLACED BY AN960JD516) . . . . .                                    | 1                          |                              |                    |
| 68                     | AN960JD516         | .WASHER (REPLACES AN960PD516) (REPLACED BY . . . . .<br>NAS1149D0563J)        | 1                          | 1                            |                    |
| 68                     | NAS1149D0563J      | .WASHER (REPLACES AN960JD516) . . . . .                                       | 1                          | 1                            |                    |
| 69                     | MS27645-4A         | .BEARING . . . . .  | 1                          | 1                            |                    |
| 70                     | 212-001-254-005    | .JACKSHAFT . . . . .  | 1                          | 6                            |                    |
| 71                     | NAS1304-6          | .BOLT (REPLACED BY NAS6604-6) . . . . .                                       | 3                          |                              |                    |
| 71                     | NAS6604-6          | .BOLT (REPLACES NAS1304-6) . . . . .  | 3                          | 1                            |                    |
| 72                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .                                    | 3                          |                              |                    |
| 72                     | AN960JD416         | .WASHER (REPLACES AN960PD416) (REPLACED BY . . . . .<br>NAS1149D0463J)        | 3                          |                              |                    |
| 72                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) . . . . .                                       | 3                          |                              |                    |
|                        | 212-001-256-001    | ..SUPPORT ASSY . . . . .  | 1                          | 1                            |                    |
| 73                     | 120-012-4S         | ..SLEEVE . . . . .  | 1                          | 1                            |                    |
| 74                     | 212-001-256-003    | ..SUPPORT . . . . .   | 1                          |                              |                    |
| 74A                    | MS27645-4A         | ..BEARING . . . . .   | 1                          | 1                            |                    |
| 75                     | NAS1304-7          | .BOLT (REPLACED BY NAS6604-7) . . . . .                                       | 1                          | 0                            |                    |
| 75                     | NAS6604-7          | .BOLT (REPLACES NAS1304-7) . . . . .  | 1                          | 1                            |                    |
| 76                     | AN960PD416         | .WASHER (REPLACED BY AN960JD416) . . . . .                                    | 1                          |                              |                    |
| 76                     | AN960JD416         | .WASHER (REPLACES AN960PD416) (REPLACED BY . . . . .<br>NAS1149D0463J)        | 1                          |                              |                    |
| 76                     | NAS1149D0463J      | .WASHER (REPLACES AN960JD416) . . . . .                                       | 1                          |                              |                    |
|                        | 212-001-257-005    | ..SUPPORT ASSY . . . . .  | 1                          |                              |                    |
| 77                     | 120-011-5A         | ..SLEEVE . . . . .  | 1                          | 1                            |                    |





| (1)<br>INDEX<br>NUMBER | (2)<br><b>PART NUMBER</b> | (3)<br><b>ITEM NAME</b>   | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|---------------------------|---|----------------------------|------------------------------|--------------------|
|                        |                           | <b>FIGURE: 67-23. Controls installation, collective yaw coupling (Cont'd)</b> |                            |                              |                    |
| 78                     | MS27645-5                 | ..BEARING .....   | 1                          | 1                            |                    |
| 79                     | 212-001-257-007           | ..SUPPORT .....   | 1                          |                              |                    |



212-67-1024  
C0000

Figure 67-24. Mixer assembly

| (1)<br>INDEX<br>NUMBER | (2)<br>PART NUMBER | (3)<br>ITEM NAME  | (4)<br>UNIT<br>PER<br>ASSY | (5)<br>A<br>V<br>A<br>I<br>L | (6)<br>U<br>O<br>C |
|------------------------|--------------------|---|----------------------------|------------------------------|--------------------|
|                        |                    | <b>FIGURE: 67-24. Mixer assembly</b>                                      |                            |                              |                    |
|                        | 212-001-780-001    | MIXER ASSY (SEE FIG. 23 FOR NHA) . . . . .                                | REF                        |                              |                    |
| 1                      | MS17825-10         | .NUT (REPLACED BY MS14144L10) . . . . .                                   | 1                          |                              |                    |
| 1                      | MS14144L10         | .NUT (REPLACES MS17825-10) . . . . .                                      | 1                          |                              |                    |
| 2                      | AN960PD1016        | .WASHER (REPLACED BY AN960JD1016) . . . . .                               | 2                          |                              |                    |
| 2                      | AN960JD1016        | .WASHER (REPLACES AN960PD1016) . . . . .                                  | 2                          |                              |                    |
| 3                      | 140-007-41-36B4    | .WASHER . . . . .   | 1                          |                              |                    |
| 4                      | NAS1310-42D        | .BOLT . . . . .   | 1                          |                              |                    |
|                        | 212-001-750-001    | .MIXER LEVER ASSY . . . . .   | 1                          |                              |                    |
| 5                      | MS27643-4          | ..BEARING . . . . .   | 2                          |                              |                    |
| 6                      | MS27646-38         | ..BEARING . . . . .   | 2                          |                              |                    |
| 7                      | 120-013-4A         | ..SLEEVE . . . . .  | 2                          |                              |                    |
| 8                      | NAS43HT10-18       | ..SPACER . . . . .  | 1                          |                              |                    |
| 9                      | 212-001-750-003    | ..MIXER LEVER . . . . .   | 1                          |                              |                    |
| 10                     | MS17825-8          | .NUT (REPLACED BY MS14144L8) . . . . .                                    | 1                          |                              |                    |
| 10                     | MS14144L8          | .NUT (REPLACES MS17825-8) . . . . .                                       | 1                          |                              |                    |
| 11                     | AN960PD816         | .WASHER (REPLACED BY AN960JD816) . . . . .                                | 3                          |                              |                    |
| 11                     | AN960JD816         | .WASHER (REPLACES AN960PD816) . . . . .                                   | 3                          |                              |                    |
| 12                     | NAS338CP22         | .BOLT . . . . .   | 1                          |                              |                    |
|                        | 212-001-749-001    | .IDLER ASSY . . . . .   | 1                          |                              |                    |
| 13                     | DPP8W              | ..BEARING . . . . .   | 1                          |                              |                    |
| 14                     | MS27643-4          | ..BEARING . . . . .   | 1                          |                              |                    |
| 15                     | 22-012-39-32-28    | ..BUSHING . . . . .   | 2                          |                              |                    |
| 16                     | 120-013-4A         | ..SLEEVE . . . . .  | 1                          |                              |                    |
| 17                     | 120-014-8A         | ..SLEEVE . . . . .  | 1                          |                              |                    |
| 18                     | 212-001-749-003    | ..IDLER . . . . .   | 1                          |                              |                    |
| 19                     | 212-001-748-001    | .SUPPORT . . . . .  | 1                          |                              |                    |
|                        | 212-001-262-001    | SHEAR LINK ASSY (SEE FIG. 23 FOR NHA) . . . . .                           | REF                        |                              |                    |
| 20                     | 212-001-059-001    | .CLEVIS . . . . .   | 1                          |                              |                    |
| 21                     | AN316-6            | .NUT . . . . .  | 1                          |                              |                    |
| 22                     | AN960PD616         | .WASHER (REPLACED BY AN960JD616) . . . . .                                | 1                          |                              |                    |
| 22                     | AN960JD616         | .WASHER (REPLACES AN960PD616) . . . . .                                   | 1                          |                              |                    |
| 23                     | 212-001-264-001    | .TUBE . . . . .   | 1                          |                              |                    |
| 24                     | 212-001-278-101    | .YOKE . . . . .   | 1                          |                              |                    |
| 25                     | 31-023-3           | .DECAL (CAUTION-SHEAR LINK-DO NOT APPLY AXIAL OR . . .<br>TORSIONAL LOAD) | 1                          |                              |                    |
| 26                     | 212-001-262-003    | .INNER TUBE ASSY . . . . .  | 1                          |                              |                    |
|                        | 212-001-266-001    | TUBE ASSY (SEE FIG. 23 FOR NHA) . . . . .                                 | REF                        |                              |                    |
| 27                     | 212-001-059-001    | .CLEVIS . . . . .   | 1                          |                              |                    |
| 28                     | AN316C6R           | .NUT . . . . .  | 1                          |                              |                    |
| 29                     | AN960PD616         | .WASHER (REPLACED BY AN960JD616) . . . . .                                | 1                          |                              |                    |
| 29                     | AN960JD616         | .WASHER (REPLACES AN960PD616) . . . . .                                   | 1                          |                              |                    |
| 30                     | 212-001-266-003    | .TUBE ASSY . . . . .  | 1                          |                              |                    |
| 31                     | 212-001-266-005    | ..TUBE . . . . .  | 1                          |                              |                    |
| 32                     | 209-001-050-001    | ..CLEVIS . . . . .  | 1                          |                              |                    |
|                        |                    | (ALTERNATE PART)  |                            |                              |                    |
| 32                     | 209-001-050-101    | ..CLEVIS . . . . .  | 1                          |                              |                    |
|                        | 212-001-267-001    | CAM ASSY (SEE FIG. 23 FOR NHA) . . . . .                                  | REF                        |                              |                    |
| 33                     | MS27647-4          | .BEARING . . . . .  | 1                          |                              |                    |
| 34                     | 120-015-4KA        | .SLEEVE . . . . .   | 1                          |                              |                    |
| 35                     | 209-001-051-001    | .BEARING . . . . .  | 1                          |                              |                    |
| 36                     | 212-001-267-003    | .CAM . . . . .  | 1                          |                              |                    |

