



FIGURE 38 - SURFACE CONTROL SYSTEM

KEY	ITEM NO.	PART NUMBER	1	2	3	4	NOMENCLATURE	UNITS PER ASSY	USAGE
1	3900	145-52401-51	Rudder	Pedal	Weld Assy - Aft	- - - - -	- - - - -	1	
2	3901	145-52401-53	Rudder	Pedal	Weld Assy - Forward	- - - - -	- - - - -	1	
3		AN3-11	Bolt	-	Aircraft 10-32	- - - - -	- - - - -	1	
4		AN3-6	Bolt	-	Aircraft 10-32	- - - - -	- - - - -	1	
5	8000	4B14-3-4	Bushing	-	- - - - -	- - - - -	- - - - -	2	
6		AN960-10	Washer	-	Plain	- - - - -	- - - - -	2	
7		AN310-3	Nut	-	Aircraft Castle	- - - - -	- - - - -	2	
8	9030	UK3L	Bearing	-	- - - - -	- - - - -	- - - - -	3	
9	3902	145-24402-4	Bracket	-	Hinge	- - - - -	- - - - -	2	
10	3903	145-52401-15	Bracket	-	Rudder Pedal	- - - - -	- - - - -	2	
11	3904	145-52407	Pad Assy	-	Rudder Pedal	- - - - -	- - - - -	2	
12	3905-10	145-52408-2	Pad	-	Rudder Pedal (Rubber)	- - - - -	- - - - -	1	
13	3906	145-52010-25	Cable Assy	-	Rudder (Includes Barrel, Fork & Terminal)	- - - - -	- - - - -	2	
14		AN23-10	Bolt	-	Clevis 10-32	- - - - -	- - - - -	1	
15		AN23-11	Bolt	-	Clevis 10-32	- - - - -	- - - - -	1	
16	3917	145-52323	Spacer	-	- - - - -	- - - - -	- - - - -	1	
17		AN960-10L	Washer	-	Plain	- - - - -	- - - - -	2	
18		AN320-3	Nut	-	Aircraft Shear	- - - - -	- - - - -	2	
19	3916	145-52317	Terminal	-	Quick Disconnect	- - - - -	- - - - -	1	
20		AN161-22LL	Fork	-	Turnbuckle	- - - - -	- - - - -	1	
21		AN155-32S	Barrel	-	Turnbuckle	- - - - -	- - - - -	1	
22	3907	145-52010-29	Cable Assy	-	Elevator Down (Includes Fork & Barrel)	- - - - -	- - - - -	1	
23	3908	145-52010-33	Cable Assy	-	Elevator Up (Includes Fork & Barrel)	- - - - -	- - - - -	1	
24		AN23-23	Bolt	-	Clevis 10-32	- - - - -	- - - - -	1	
25	3918	145-52221	Spacer	-	- - - - -	- - - - -	- - - - -	2	
26		AN960-10L	Washer	-	Plain	- - - - -	- - - - -	3	
27	3919	145-52218-3	Link	-	Control Cable	- - - - -	- - - - -	1	
28	3920	145-52218-5	Link	-	Control Cable	- - - - -	- - - - -	1	
29		AN320-3	Nut	-	Aircraft Shear	- - - - -	- - - - -	4	
30		AN23-12	Bolt	-	Clevis 10-32	- - - - -	- - - - -	2	
31		AN960-10	Washer	-	Plain	- - - - -	- - - - -	2	
32		AN23-15	Bolt	-	Clevis 10-32	- - - - -	- - - - -	1	
33	3921	145-52214	Spacer	-	- - - - -	- - - - -	- - - - -	1	
34		AN161-22RS	Fork	-	Turnbuckle	- - - - -	- - - - -	1	
35		AN155-32S	Barrel	-	Turnbuckle	- - - - -	- - - - -	1	
36	3909	145-52010-41	Cable Assy	-	Rudder and Aileron LH	- - - - -	- - - - -	1	
37	3910	145-52010-37	Cable Assy	-	Rudder and Aileron RH	- - - - -	- - - - -	1	
38	3916	145-52317	Terminal	-	Quick Disconnect	- - - - -	- - - - -	1	
39	3922	145-52320	Spring	-	Retraction Rudder & Aileron Interconnect	- - - - -	- - - - -	1	
40	3923	145-52319	Spring	-	Extension Rudder & Aileron Interconnect	- - - - -	- - - - -	1	
41	3924	145-52324	Spring	-	Support Fairlead	- - - - -	- - - - -	1	
42	3925	145-52318-3	Fairlead	-	Rudder & Aileron Interconnect	- - - - -	- - - - -	1	
43	3926	145-52318-5	Fairlead	-	Rudder & Aileron Interconnect	- - - - -	- - - - -	1	
44	3927	145-52316	Connector	-	- - - - -	- - - - -	- - - - -	1	
45		AN315-64OR	Nut	-	Aircraft Plain	- - - - -	- - - - -	2	
46	3911	145-52010-11	Cable Assy	-	Aileron Actuating (Includes Fork & Barrel)	- - - - -	- - - - -	2	
47	3912	145-52010-21	Cable Assy	-	Aileron Bus Complete	- - - - -	- - - - -	1	
48		AN23-12	Bolt	-	Clevis 10-32	- - - - -	- - - - -	2	
49		AN960-10L	Washer	-	Plain	- - - - -	- - - - -	2	
50	3917	145-52323	Spacer	-	- - - - -	- - - - -	- - - - -	1	
51		AN320-3	Nut	-	Aircraft Shear	- - - - -	- - - - -	2	
52		AN161-22LS	Fork	-	Turnbuckle	- - - - -	- - - - -	1	
53		AN155-32S	Barrel	-	Turnbuckle	- - - - -	- - - - -	1	
54	3913	145-52010-15	Cable Sub Assy	-	Aileron Bus (Includes Terminals)	- - - - -	- - - - -	1	
55	3916	145-52317	Terminal	-	Quick Disconnect	- - - - -	- - - - -	2	
56	3914	145-52010-19	Cable Sub Assy	-	Aileron Bus	- - - - -	- - - - -	1	
57	3928	145-52300-1	Bellcrank Assy	-	LH (Includes Bearing & Bushing)	- - - - -	- - - - -	1	
	3929	145-52300-2	Bellcrank Assy	-	RH (Includes Bearing & Bushing)	- - - - -	- - - - -	1	
58		AN4-11	Bolt	-	Aircraft 1/4-28	- - - - -	- - - - -	1	
59		AN310-4	Nut	-	Aircraft Castle	- - - - -	- - - - -	1	
60	9168	BC4W9	Bearing	-	- - - - -	- - - - -	- - - - -	1	
61		NAS75-4-006	Bushing	-	Press Fit Steel	- - - - -	- - - - -	1	
62	3930	145-52303	Rod Assy	-	Aileron Control	- - - - -	- - - - -	2	
63		AN4-7	Bolt	-	Aircraft 1/4-28	- - - - -	- - - - -	1	
64		AN960-416	Washer	-	Plain	- - - - -	- - - - -	2	
65		AN310-4	Nut	-	Aircraft Castle	- - - - -	- - - - -	2	
66		AN4-12	Bolt	-	Aircraft 1/4-28	- - - - -	- - - - -	1	
67	8530	2W1-17-24-64	Washer	-	- - - - -	- - - - -	- - - - -	1	
68	3931	145-52303-4	Rod Sub Assy	-	Aileron Control	- - - - -	- - - - -	1	
69		AN316-5R	Nut	-	Aircraft Check	- - - - -	- - - - -	1	
70	9167	RE4F5	Bearing	-	Rod End	- - - - -	- - - - -	1	
71	3932	145-52219-3	Fairlead	-	Elevator & Rudder Cable	- - - - -	- - - - -	1	
72		AN210-4A4DR7-3/4	Pulley	-	Anti-Friction Bearing Control	- - - - -	- - - - -	6	
73		AN210-3A4DR7-3/4	Pulley	-	Anti-Friction Bearing Control	- - - - -	- - - - -	6	
74		AN210-1APN3A	Pulley	-	Anti-Friction Bearing Control	- - - - -	- - - - -	3	
75		AN210-2APN3	Pulley	-	Anti-Friction Bearing Control	- - - - -	- - - - -	2	
76	3933	145-52301	Roller Assy	-	Cable (Includes Bushing)	- - - - -	- - - - -	2	
77	9274	A313	Bushing	-	Roller Assy	- - - - -	- - - - -	1	