



FIGURE 40 - WING FLAP OPERATING MECHANISM

KEY	ITEM NO.	PART NUMBER	1	2	3	4	NOMENCLATURE	UNITS PER ASSY	USAGE
1	4200	145-52019-10	Rod	Assy	-	Wing Flap Actuating	- - - - -	2	
2		AN24-20	Bolt	-	Clevis 1/4-28	- - - - -	- - - - -	1	
3		AN4-12	Bolt	-	Aircraft 1/4-28	- - - - -	- - - - -	1	
4	8530	2W1-17-24-64	Washer	-	Plain	- - - - -	- - - - -	2	
5	8529	2W1-17-12-64	Washer	-	Plain	- - - - -	- - - - -	4	
6		AN960-416	Washer	-	Plain	- - - - -	- - - - -	4	
7		AN320-4	Nut	-	Aircraft Shear	- - - - -	- - - - -	1	
8		AN310-4	Nut	-	Aircraft Castle	- - - - -	- - - - -	1	
9	4201-10	145-52019-2	Stud	-	- - - - -	- - - - -	- - - - -	1	
10		AN316-5R	Check Nut	-	- - - - -	- - - - -	- - - - -	2	
11	9152	F45-19	Bearing	-	Rod End	- - - - -	- - - - -	2	
12	4202	145-52022-SA#1	Support	Assy	-	Flap Cylinder	- - - - -	1	
13		AN4-6A	Bolt	-	Aircraft 1/4-28	- - - - -	- - - - -	8	
14		AN960-416	Washer	-	Plain	- - - - -	- - - - -	8	
15		AN365-428	Nut	-	Self Locking	- - - - -	- - - - -	8	
16	4203	145-52022-3	Strap	-	Wing Flap Cylinder Support	- - - - -	- - - - -	1	
17	4204	145-52022-9	Bracket	-	Wing Flap Cylinder Support LH	- - - - -	- - - - -	1	
18	4205	145-52022-10	Bracket	-	Wing Flap Cylinder Support RH	- - - - -	- - - - -	1	
19		AN4-5A	Bolt	-	Aircraft 1/4-28	- - - - -	- - - - -	6	
20		AN4-30A	Bolt	-	Aircraft 1/4-28	- - - - -	- - - - -	1	
21	8379	4S4D8-74	Spacer	-	- - - - -	- - - - -	- - - - -	1	
22		AN365-428	Nut	-	Self Locking	- - - - -	- - - - -	7	
23	4206	145-52022-5	Angle	-	Wing Flap Cylinder Support LH	- - - - -	- - - - -	1	
24	4207	145-52022-6	Angle	-	Wing Flap Cylinder Support RH	- - - - -	- - - - -	1	
25	4208	145-52026	Tube	Assy	-	Flap Torque	- - - - -	1	
26		AN4-6	Bolt	-	Aircraft 1/4-28	- - - - -	- - - - -	1	
27	4211	143-18051-2	Bushing	-	Flap Hinge Spacer	- - - - -	- - - - -	1	
28		AN4-7	Bolt	-	Aircraft 1/4-28	- - - - -	- - - - -	1	
29	4213	143-18051-4	Bushing	-	Flap Hinge Spacer	- - - - -	- - - - -	2	
30		AN960-416	Washer	-	Plain	- - - - -	- - - - -	3	
31		AN310-4	Nut	-	Aircraft Castle	- - - - -	- - - - -	3	
32		AN380-2-2	Cotter	-	- - - - -	- - - - -	- - - - -	3	
33	4209	145-52027	Support	-	Wing Flap Torque Tube Center	- - - - -	- - - - -	1	
34	4214	145-52024-2	Support	-	Torque Tube Outboard RH	- - - - -	- - - - -	1	
	4215	145-52024-1	Support	-	Torque Tube Outboard LH	- - - - -	- - - - -	1	
35	4216	145-52021	Bellcrank	-	Assy - Wing Flap Strut	- - - - -	- - - - -	1	
36		AN4-6	Bolt	-	Aircraft 1/4-28	- - - - -	- - - - -	2	
37	8483	2W1-17-18-32	Washer	-	- - - - -	- - - - -	- - - - -	2	
38	4210	143-18051-1	Bushing	-	Flap Hinge Spacer	- - - - -	- - - - -	2	
39		AN960-416	Washer	-	Plain	- - - - -	- - - - -	2	
40		AN310-4	Nut	-	Aircraft Castle	- - - - -	- - - - -	2	
41		AN380-2-2	Cotter	-	- - - - -	- - - - -	- - - - -	2	
42		NAS170-5	Clevis	-	Engine Control Rod Adjustable	- - - - -	- - - - -	1	
43		NAS170-6	Clevis	-	Engine Control Rod Adjustable	- - - - -	- - - - -	1	
44		AN4-7	Bolt	-	Aircraft 1/4-28	- - - - -	- - - - -	1	
45	4211	143-18051-2	Bushing	-	Flap Hinge Spacer	- - - - -	- - - - -	1	
46		AN4-6	Bolt	-	Aircraft 1/4-28	- - - - -	- - - - -	1	
47	4213	143-18051-4	Bushing	-	Flap Hinge Spacer	- - - - -	- - - - -	1	
48		AN960-416	Washer	-	Plain	- - - - -	- - - - -	2	
49		AN310-4	Nut	-	Aircraft Castle	- - - - -	- - - - -	2	
50		AN380-2-2	Cotter	-	- - - - -	- - - - -	- - - - -	2	
51	4217	145-52028	Rod	-	Wing Flap Torque Tube Push	- - - - -	- - - - -	1	
52		AN316-6R	Check Nut	-	- - - - -	- - - - -	- - - - -	2	
53			Actuating Cylinder (See Page 64 For Details)					Ref	