

NOTE TO READERS

Existing Material Specification and End Fittings as shown in this chart are to be amended as follows:—

1. **Material Specification.** 3/16" o/d. pipes to be stainless steel to DTD.5016. All other sizes to be Tungum to DTD.323 or DTD.5019.
2. **End Fittings.** On 3/16" o/d. pipes to DTD.5016, End "C" is to be replaced by End "L", and End "G" is to be replaced by End "J".

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.187921/94	Air, accumulator to accumulator	1/4" o/d. x 22 S.W.G.	DTD.323	A--A
C.187924/7	Pressure, tee-piece to tee-piece	3/8" o/d. x 22 S.W.G. x 7" long	DTD.323	A--A
C.187924/8	Pressure, tee-piece to starboard wing break	3/8" o/d. x 22 S.W.G. x 2' 5" long	DTD.323	A--B
C.187924/9	Pressure, tee-piece to union	1/4" o/d x 22 S.W.G. x 1' 2" long	DTD.323	A--A
C.187924/10	Pressure, union to union	1/4" o/d. x 22 S.W.G. x 2' 10" long	DTD.323	B--B
C.187924/11	Pressure, union to union	1/4" o/d. x 22 S.W.G. x 4' 8" long	DTD.323	A--B
C.187924/24	Pressure, bulkhead, union to self sealing coupling	1/4" o/d. x 22 S.W.G. x 2' 3" long	DTD.323	A--A
C.187924/41	Return, tee-piece to union	1/4" o/d. x 22 S.W.G. x 1' 4" long	DTD.323	A--B
C.187924/42	Return, union to union	1/4" o/d. x 22 S.W.G. x 3' 3" long	DTD.323	A--B
C.187924/43	Return, union to union	1/4" o/d. x 22 S.W.G. x 3' 6" long	DTD.323	A--B
C.187924/47	Return, bulkhead union to self sealing coupling ...	1/4" o/d. x 22 S.W.G. x 2' 2" long	DTD.323	A--A
C.187924/58	Undercarriage 'up', tee-piece to union	1/4" o/d. x 22 S.W.G. x 1' 8" long.	DTD.323	A--B
C.187924/63	Undercarriage 'up', tee-piece to union	1/4" o/d. x 22 S.W.G. x 1' 4" long	DTD.323	A--A
C.187924/64	Undercarriage 'up', union to union	1/4" o/d. x 22 S.W.G. x 3' 1" long	DTD.323	B--B
C.187924/65	Undercarriage 'up', union to union	1/4" o/d. x 22 S.W.G. x 3' 6" long	DTD.323	A--B
C.187924/68	Undercarriage 'down', starboard wing break to union	3/8" o/d. x 22 S.W.G. x 3' 5" long	DTD.323	B--B
C.187924/69	Undercarriage 'down', union to tee-piece	3/8" o/d. x 22 S.W.G. x 1' 5" long	DTD.323	A--A
C.187924/73	Undercarriage 'down', tee-piece to union	1/4" o/d. x 22 S.W.G. x 3' 1" long	DTD.323	A--B
C.187924/74	Undercarriage 'down', union to union	1/4" o/d. x 22 S.W.G. x 1' 11" long	DTD.323	A--B
C.187924/78	Undercarriage air, union to union	3/16" o/d. x 22 S.W.G. x 3' 4" long	DTD.323	B--G
C.187924/79	Undercarriage air, union to union	3/16" o/d. x 22 S.W.G. x 3' 7" long	DTD.323	B--B

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.187924/80	Undercarriage air, union to starboard wing break . . .	3/16" o/d. x 22 S.W.G. x 2' 9" long	DTD.323	G-B
C.187924/82	Port wheel break union to union	1/4" o/d. x 22 S.W.G. x 4' 0" long	DTD.323	B-A
C.187924/83	Port wheel break union to union	1/4" o/d. x 22 S.W.G. x 3' 4" long	DTD.323	B-B
C.187924/84	Port wheel brake union to union	1/4" o/d. x 22 S.W.G. x 2' 0" long	DTD.323	A-A
C.187924/85	Port wheel brake union to port wing break	1/4" o/d. x 22 S.W.G. x 3' 4" long	DTD.323	B-A
C.187924/87	Starboard wheel brake union to union	1/4" o/d. x 22 S.W.G. x 3' 4" long	DTD.323	B-A
C.187924/88	Starboard wheel brake union to union	1/4" o/d. x 22 S.W.G. x 3' 9" long	DTD.323	B-B
C.187924/91	Aileron, power, union to starboard wing break	1/4" o/d. x 22 S.W.G. x 3' 4" long	DTD.323	A-B
C.187924/93	Flap, air, union to union	3/16" o/d. x 22 S.W.G. x 4' 0" long	DTD.323	B-G
C.187924/94	Flap, air, union to union	3/16" o/d. x 22 S.W.G. x 3' 1" long	DTD.323	B-B
C.187924/95	Flap, air, union to union	3/16" o/d. x 22 S.W.G. x 2' 3" long	DTD.323	G-G
C.187924/96	Flap, air, union to port wing break	3/16" o/d. x 22 S.W.G. x 3' 1" long	DTD.323	B-B
B.187926/1	Pressure, flexible hose to non-return valve	1/4" o/d. x 22 S.W.G. x 5' 4" long	DTD.323	A-A
B.187926/2	Pressure, non-return valve to tee-piece	1/4" o/d. x 22 S.W.G. x 2' 0" long	DTD.323	A-A
B.187926/4	Pressure, tee-piece to tee-piece	1/4" o/d. x 22 S.W.G. x 7" long	DTD.323	A-A
B.187926/6	Pressure, valve to tee-piece	1/4" o/d. x 22 S.W.G. x 1' 5" long	DTD.323	A-A
B.187926/7	Pressure, tee-piece to flexible hose	1/4" o/d. x 22 S.W.G. x 6" long	DTD.323	A-A
B.187926/8	Return, flexible hose to non-return valve	1/4" o/d. x 22 S.W.G. x 7' 2" long	DTD.323	A-A
B.187926/10	Return, tee-piece to valve	1/4" o/d. x 22 S.W.G. x 9" long	DTD.323	A-A
B.187926/11	Return, valve to flexible hose	1/4" o/d. x 22 S.W.G. x 1' 5" long	DTD.323	A-A

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
B.187926/12	Return, tee-piece to thermal relief valve	3/16" o/d. x 22 S.W.G. x 9" long	DTD.323	G-G
B.187926/13	Return, thermal relief valve to tee-piece	3/16" o/d. x 22 S.W.G. x 7" long	DTD.323	G-G
B.187926/21	Pressure, union to union	3/8" o/d. x 22 S.W.G. x 5' 6" long	DTD.323	A-A
B.187926/22	Pressure, union to regulator valve	3/8" o/d. x 22 S.W.G. x 3' 3" long	DTD.323	B-A
B.187926/28	Return, union to 4 way piece	3/8" o/d. x 22 S.W.G. x 3' 5" long	DTD.323	A-A
B.187926/29	Return, 4 way to upper selector valve	3/8" o/d. x 22 S.W.G. x 9" long	DTD.323	A-A
B.187926/32	Return, tee-piece to relief valve	3/8" o/d. x 22 S.W.G. x 1' 0" long	DTD.323	A-A
B.187926/33	Return, upper selector valve to non-return valve ...	1/4" o/d. x 22 S.W.G. x 7-1/2" long	DTD.323	A-A
B.187926/37	Air brake 'up', 4 way to non return valve	1/4" o/d. x 22 S.W.G. x 8" long	DTD.323	A-A
B.187926/38	Air brake 'up', 4 way to thermal return valve	3/16" o/d x 22 S.W.G. x 9" long	DTD.323	G-G
B.187926/42	Air brake 'down', tee-piece to pressure switch	3/16" o/d. x 22 S.W.G. x 9" long	DTD.323	G-G
B.187926/53	Pressure, non-return valve to filter (inlet)	1/4" o/d. x 22 S.W.G. x 2' 2" long	DTD.323	A-A
B.187926/54	Pressure, filter (outlet) to tee-piece	1/4" o/d. x 22 S.W.G. x 1' 9" long	DTD.323	A-A
B.188908/1	Port pump to drain valve	5/16" o/d. x 22 S.W.G. x 1' 1" long	DTD.253	A-F
B.188908/3	Port centre tank to drain valve'	5/16" o/d. x 22 S.W.G. x 1' 0" long	DTD.253	A-F
B.188908/4	Starboard centre tank to drain valve	5/16" o/d. x 22 S.W.G. x 6" long	DTD.253	A-F
B.188908/5	Port relief valve to chain	1/4" o/d. x 20 S.W.G. x 5' 2" long	T.9	Beaded- -Beaded
B.188908/6	Starboard relief valve to drain	1/4" o/d. x 20 S.W.G. x 5' 7" long	T.9	Beaded- -Beaded

RESTRICTED

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
B.188908/7	Port pump drain	1/4" o/d. x 20 S.W.G. x 1' 6" long	T.	A-Plain
B.188908/8	Starboard pump drain	1/4" o/d. x 20 S.W.G. x 1' 0" long	T.9	A-Plain
B.188908/10	Pressure switch balance pipe, port	3/16" o/d. x 22 S.W.G. x 1' 2" long	DTD.253	C-Plain
B.188908/11	Pressure switch balance pipe, starboard	3/16" o/d. x 22 S.W.G. x 11" long	DTD.253	C-Plain
B.188908/12	Starboard pump to drain valve	5/16" o/d. x 22 S.W.G. x 1' 0" long	DTD.253	A-F
B.188908/15	Fuel pressure switch balance	3/16" o/d. x 22 S.W.G. x 8" long	DTD.253	G-Plain
C.189160/2	Pressure port wing, union to union (Pre Mod. 579) .	3/8" o/d. x 22 S.W.G. x 1' 9" long	DTD.323A	B-A
C.189160/12	Return, port wing, 4 way piece to thermal relief ... valve	3/16" o/d. x 22 S.W.G. x 9" long	DTD.323A	G-B
C.189160/26	Undercarriage 'down', port wing break union to ... union	1/4" o/d. x 22 S.W.G. x 1' 6" long	DTD.323A	A-B
B.189160/28	Wheel brake, port wing break union to union	1/4" o/d. x 22 S.W.G. x 9" long	DTD.323A	B-A
C.189160/29	Wheel brake, port wing, union to union	1/4" o/d. x 22 S.W.G. x 2' 0" long	DTD.323A	B-A
C.189160/30	Wheel brake, port wing, union to union	1/4" o/d. x 22 S.W.G. x 2' 3" long	DTD.323A	B-A

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.189160/35	Power assisted aileron, port wing break, union to union	1/4" o/d. x 22 S.W.G. x 1' 2" long	DTD.323	A-A
C.189160/36	Power assisted aileron, port wing, union to union	1/4" o/d. x 22 S.W.G. 2' 2" long	DTD.323A	B-B
C.189160/37	Power assisted aileron, port wing, union to union	1/4" o/d. x 22 S.W.G. x 2' 1" long	DTD.323A	A-A
C.189160/42	Flap up, port wing, flap control valve to tee-piece	3/8" o/d. x 22 S.W.G. x 2' 5" long	DTD.323	A-A
C.189160/43	Flap up, port wing, tee-piece to fluid jettison valve	3/8" o/d. x 22 S.W.G. x 1' 3" long	DTD.323A	A-A
C.189160/44	Flap up, port wing, tee-piece to tee-piece	1/4" o/d. x 22 S.W.G. x 5" long	DTD.323A	A-A
C.189160/45	Flap up, port wing, tee-piece to tee-piece	1/4" o/d. x 22 S.W.G. x 1' 7" long	DTD.323A	A-A
C.189160/46	Flap up, port wing, tee-piece to bleed adapter	1/4" o/d. x 22 S.W.G. 8" long	DTD.323A	A-A
C.189160/48	Flap up, port wing, tee-piece to union	1/4" o/d. x 22 S.W.G. x 3' 10" long	DTD.323A	A-A
C.189160/49	Flap up, union to port wing break union	1/4" o/d. x 22 S.W.G. x 1' 6" long	DTD.323A	B-A
C.189160/50	Flap up, port wing, tee-piece to thermal relief valve	3/16" o/d. x 22 S.W.G. x 1' 0" long	DTD.323A	G G
C.189160/52	Flap down, port wing, pressure relief valve to shuttle valve	3/8" o/d. x 22 S.W.G. x 2' 7" long	DTD.323A	A-A
C.189160/53	Flap down, port wing, shuttle valve to throttling valve	1/4" o/d. x 22 S.W.G. x 9" long	DTD.323A	A-A
C.189160/58	Flap down, union to port wing break union	1/4" o/d. x 22 S.W.G. x 1' 5" long	DTD.323A	B-B
C.189160/59	Flap air, port wing break union to union	3/16" o/d. x 22 S.W.G. x 1' 5" long	DTD.323	G-G
C.189160/61	Flap air, port wing, union to union	3/16" o/d. x 22 S.W.G. x 2' 4" long	DTD.323	B-G
C.189160/71	Undercarriage 'up', union to restrictor valve	1/4" o/d. x 22 S.W.G. x 1' 11" long	DTD.323A	A-A
C.189160/79	Return, thermal relief valve to tee-piece	3/16" o/d. x 22 S.W.G. x 1' 2" long	DTD.323A	G-G
C.189160/83	Undercarriage 'up', sequence valve to pressure regulator valve	1/4" o/d. x 22 S.W.G. 2' 10" long	DTD.323A	A-A
C.189160/84	Undercarriage 'up', pressure regulator valve to union (Pre Mod. 579)	1/4" o/d. x 22 S.W.G. x 1' 3" long	DTD.323A	A-B

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.189160/85	Undercarriage 'up', union to union (Pre Mod. 579)	1/4" o/d. x 22 S.W.G. x 1' 1" long	DTD.323A	A-B
C.189160/86	Aileron power assisted, union to union	1/4" o/d. x 22 S.W.G. x 1' 10" long	DTD.323A	B-B
C.189160/87	Aileron power assisted, union to elbow	1/4" o/d. x 22 S.W.G. x 2' 3" long	DTD.323A	A-A
C.189160/88	Aileron power assisted, union to elbow	1/4" o/d. x 22 S.W.G. x 1' 4" long	DTD.323A	A-A
C.189160/89	Aileron power assisted, union to union	1/4" o/d. x 22 S.W.G. x 4' 3" long	DTD.323A	B-B
C.189160/90	Aileron power assisted, union to union	1/4" o/d. x 22 S.W.G. x 1' 6" long	DTD.323A	A-A
C.189160/91	Aileron power assisted, union to tee-piece	1/4" o/d. x 22 S.W.G. x 5' 2" long	DTD.323A	B-A
C.189160/93	Return, flexible hose to union	1/4" o/d. x 22 S.W.G. x 5' 3" long	DTD.323A	A-B
C.189160/94	Return, union to union	1/4" o/d. x 22 S.W.G. x 1' 7" long	DTD.323A	A-A
C.189160/95	Return, union to union	1/4" o/d. x 22 S.W.G. x 4' 1" long	DTD.323A	B-B
C.189160/96	Return, union to union	1/4" o/d. x 22 S.W.G. x 1' 10" long	DTD.323A	A-A
C.189160/97	Return, union to union	1/4" o/d. x 22 S.W.G. x 2' 0" long	DTD.323A	A-B
C.189160/98	Return, union to non-return valve	1/4" o/d. x 22 S.W.G. x 13" long	DTD.323A	A-B
C.189160/99	Return, non-return valve to 4 way piece	1/4" o/d. x 22 S.W.G. x 11" long	DTD.323A	A-A
C.189160/107	Flap down, tee-piece to throttling valve	1/4" o/d. x 22 S.W.G. x 11" long	DTD.323A	A-A
C.189160/108	Flap down, bleed adapter to tee-piece	1/4" o/d. x 22 S.W.G. x 2-5/8" long	DTD.323A	A-A
C.189160/110	Flap balance, tee-piece to jack 'up' connection	1/4" o/d. x 22 S.W.G. x 2' 10" long	DTD.323A	A-A
C.189160/112	Flap balance, tee-piece to selector	3/16" o/d. x 22 S.W.G. x 1' 11" long	DTD.323A	G-G
C.189160/123	Flap balancing, union to flap down connection	1/4" o/d. x 22 S.W.G. x 2' 9" long	DTD.323A	B-A

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.189160/126	Flap balancing, union to union	1/4" o/d x 22 S.W.G. x 2' 11" long	DTD.323A	B-A
C.189160/127	Flap balancing, selector to union	3/16" o/d. x 22 S.W.G. x 4' 3 1/2" long	DTD.323A	G-B
C.189160/128	Flap balancing, tee-piece to union	1/4" o/d. x 22 S.W.G. x 3' 6" long	DTD.323	A-B
C.189160/142	Undercarriage "down," 4-way piece to undercarriage jack	1/4" o/d. x 22 S.W.G. x 3' 11" long	DTD.323A	A-A
C.189160/147	Undercarriage "down," union to 4-way piece	1/4" o/d. x 22 S.W.G. x 2' 7" long	DTD.323A	A-A
C.189160/149	Undercarriage air, non-return valve to 4-way piece	3/16" o/d. x 22 S.W.G. x 6 1/2" long	DTD.323A	G-G
C.189160/150	Undercarriage "down," 4-way piece to union	3/16" o/d. x 22 S.W.G. x 1' 10" long.	DTD.323A	G-B
23 C.189160/151	Undercarriage "down," union to jettison valve	3/16" o/d. x 22 S.W.G. x 1' 3" long	DTD.323A	G-G
23 C.189160/152	Undercarriage "up," tee-piece to thermal relief	3/16" o/d. x 22 S.W.G. x 4' 4" long	DTD.323A	G-G
C.189160/156	Undercarriage "up," tee-piece to union	1/4" o/d. x 22 S.W.G. x 2' 5" long	DTD.323A	A-B
C.189160/155	Undercarriage "up," tee-piece to jettison valve	1/4" o/d. x 22 S.W.G. x 2' 0" long	DTD.323A	A-A
C.189160/158	Pressure, elbow to union	3/8" o/d. x 22 S.W.G. x 2' 5" long	DTD.323	A-A
C.189160/159	Undercarriage air, pressure release valve to non-return valve	3/16" o/d. x 22 S.W.G. x 2' 6" long	DTD.323A	G-G
C.189160/160	Undercarriage air, pressure release valve to union	3/16" o/d. x 22 S.W.G. x 1' 8" long	DTD.323A	G-B
C.189160/161	Undercarriage air, union to union	3/16" o/d. x 22 S.W.G. x 2' 8" long	DTD.323A	G-B
C.189160/162	Undercarriage, air, union to union (port wing break)	5/16" o/d. x 22 S.W.G. x 2' 10" long	DTD.323	G-B
C.189160/163	Undercarriage "up," union to elbow	1/4" o/d. x 22 S.W.G. x 2' 0" long	DTD.323A	A-A
C.189160/165	Flap air, union to union	3/16" o/d. x 22 S.W.G. x 1' 5" long	DTD.323A	G-B
C.189160/166	Return, port wing break to tee-piece	3/8" o/d. x 22 S.W.G. x 2' 1" long	DTD.323	B-A
C.189160/167	Flap "down," union to union	1/4" o/d. x 22 S.W.G. x 3' 2" long	DTD.323A	A-A

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.189160/168	Undercarriage "up," jettison valve to tee-piece	¼" o/d. × 22 S.W.G. × 4' 0" long	DTD.323A	A-A
C.189160/169	Flap "down," bleed adaptor to flap jack	¾" o/d. × 22 S.W.G. × 4' 10" long	DTD.323A	G-G
C.189160/170	Flap "up," bleed adaptor to flap jack	¾" o/d. × 22 S.W.G. × 4' 8" long	DTD.323A	G-G
C.189160/171	Pressure, union to flap control valve	¾" o/d. × 22 S.W.G. × 1' 8" long	DTD.323A	A-B
C.189160/182	Flap air, jettison valve to union	¾" o/d. × 22 S.W.G. × 1' 9" long	DTD.323A	A-A
C.189160/183	Flap air, union to atmosphere	¾" o/d. × 22 S.W.G. × 2' 4" long	DTD.323A	B-Plain
C.189160/184	Undercarriage "up," restrictor valve to	¼" o/d. × 22 S.W.G. × 4' 5" long	DTD.323A	A-A
C.189160/193	Flap "down," flap control valve to pressure, relief	¾" o/d. × 22 S.W.G. × 2' 7" long	DTD.323A	A-A
C.189160/194	Flap air, port wing, union to fluid jettison valve	¾" o/d. × 22 S.W.G. × 1' 10" long	DTD.323A	G-G
C.189160/196	Flap, balance, wing brake union to union	¼" o/d. × 22 S.W.G. × 2' 4" long	DTD.323A	B-A
C.189160/197	Flap "down," tee-piece to union	¼" o/d. × 22 S.W.G. × 1' 2" long	DTD.323A	A-B
C.189160/198	Flap, balance port wing brake, union to tee-piece	¼" o/d. × 22 S.W.G. × 2' 5" long	DTD.323A	A-A
C.189160/199	Flap balance, union to port wing brake	¾" o/d. × 22 S.W.G. × 2' 5" long	DTD.323A	G-B
C.189160/200	Undercarriage "up," tee-piece to sequence valve	¼" o/d. × 22 S.W.G. × 2' 9" long	DTD.323A	A-A
C.189160/201	Undercarriage "up," union to elbow at port wing break	¼" o/d. × 22 S.W.G. × 2' 0" long	DTD.323A	A-A
C.189160/202	Undercarriage "up," union to port wing break	¼" o/d. × 22 S.W.G. × 1' 7" long	DTD.323A	B-B
C.189160/214	Return, port wing, tee-piece to tee-piece	¾" o/d. × 22 S.W.G. × 2' 0" long	DTD.323A	A-A
C.189160/215	Return, tee-piece to flap pressure relief valve	¾" o/d. × 22 S.W.G. × 1' 7" long	DTD.323A	A-A
C.189160/216	Return, tee-piece to tee-piece	¾" o/d. × 22 S.W.G. × 1' 3" long	DTD.323A	A-A

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.189160/217	Return, tee piece to flap selector valve	3/8" o/d. x 22 S.W.G. x 2' 0" long	DTD.323A	A-A
C.189160/218	Return, tee piece to 4 way piece	1/4" o/d. x 22 S.W.G. x 2' 3" long	DTD.323A	A-A
C.189160/220	Wheel brake, leg pivot (B) to adapter	3/16" o/d. x 22 S.W.G. x 2' 2" long	DTD.323A	G-G
C.189160/221	Recuperator, leg pivot (C) to union	3/16" o/d. x 22 S.W.G. x 1' 6" long	DTD.323A	G-G
C.189160/222	Recuperator, union to union	3/16" o/d. x 22 S.W.G. x 2' 0" long	DTD.323A	B-B
C.189160/223	Recuperator, union to union	3/16" o/d. x 22 S.W.G. x 2' 2" long	DTD.323A	G-B
C.189160/224	Wheel brake, leg pivot (A) to 4-way piece	3/16" o/d. x 22 S.W.G. x 1' 7" long	DTD.323A	G-G
C.189160/229	Flap, air, fluid jettison valve to shuttle valve	3/16" o/d. x 22 S.W.G. x 1' 11" long	DTD.323A	G-G
C.189160/231	Undercarriage 'up', pressure regulator to union	1/4" o/d. x 22 S.W.G. x 11" long	DTD.323A	A-B
C.189160/232	Undercarriage 'UP', union to union	1/4" o/d. x 22 S.W.G. x 1' 3" long	DTD.323A	A-B
C.189160/233	Pressure, union to pressure regulator valve	3/8" o/d. x 22 S.W.G. x 1' 6" long	DTD.323A	B-A
C.189160/234	Pressure, regulator valve to union	3/8" o/d. x 22 S.W.G. x 1' 6" long	DTD.323A	A-A
C.189160/238	Undercarriage 'up', tee piece to union	1/4" o/d. x 22 S.W.G. x 2' 5" long	DTD.323A	A-B
C.189161/1	Pressure, starboard wing break to union	3/8" o/d. x 22 S.W.G. X 9" long	DTD.323	A-A
C.189161/2	Pressure, starboard wing to union	3/8" o/d. x 22 S.W.G. x 1' 8" long	DTD.323	B-B
C.189161/3	Pressure, starboard wing, union to pressure regulator valve	3/8" o/d. x 22 S.W.G. x 2' 0" long	DTD.323	A-A
C.189161/4	Pressure, starboard wing, pressure regulator valve undercarriage control valve	3/8" o/d. x 22 S.W.G. x 1' 0" long	DTD.323	A-A
C.189161/5	Pressure, starboard wing, pressure regulator valve to union	1/4" o/d. x 22 S.W.G. x 1' 6" long	DTD.323	A-B
C.189161/12	Return, starboard wing break to tee-piece	1/2" o/d. x 20 S.W.G. x 2' 0" long	DTD.323	A-A
C.189161/13	Return, starboard wing, tee-piece to tee-piece	1/2" o/d. x 20 S.W.G. x 11" long	DTD.323	A-A

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.189161/14	Return, starboard wing, tee piece to undercarriage control valve	1/2" o/d. x 20 S.W.G. x 1' 11" long	DTD.323	A-A
C.189161/16	Return, starboard wing, tee piece to thermal relief valve	3/16" o/d. x 22 S.W.G. x 4" long	DTD.323	G-G
C.189161/17	Return, starboard wing, tee-piece to thermal relief valve	3/16" o/d. x 22 S.W.G. 8" long	DTD.323	G-G
C.189161/21	Return, starboard wing, tee piece to tee-piece	1/4" o/d. x 22 S.W.G. x 5" long	DTD.323	A-A
C.189161/22	Return, starboard wing, tee piece to aileron control valve	1/4" o/d. x 22 S.W.G. x 5" long	DTD.323	A-A
C.189161/29	Undercarriage 'up', starboard wing, undercarriage control valve to 4-way piece	3/8" o/d. x 22 S.W.G. x 10" long	DTD.323	A-A
C.189161/31	Undercarriage 'up', starboard wing, 4 way piece to tee piece	3/8" o/d. x 22 S.W.G. x 1' 5" long	DTD.323	A-A
C.189161/32	Undercarriage 'up', starboard wing, tee-piece to union	3/8" o/d. x 22 S.W.G. x 1' 6" long	DTD.323	A-B
C.189161/33	Undercarriage 'up', union to starboard wing break .	3/8" o/d x 22 S.W.G. x 11" long	DTD.323	A-A
C.189161/34	Undercarriage 'up', starboard wing, 4 way piece to tee-piece	1/4" o/d. x 22 S.W.G. x 9" long	DTD.323	A-A
C.189161/40	Undercarriage 'up', union to starboard wing break .	1/4" o/d. x 22 S.W.G. x 1' 3" long	DTD.323	A-A
C.189161/47	Undercarriage 'down', starboard wing, shuttle valve to union	1/4" o/d. x 22 S.W.G. x 2' 9" long	DTD.323	A-B
C.189161/48	Undercarriage 'down', union to starboard wing break	1/4" o/d. x 22 S.W.G. x 1' 6" long	DTD.323	A-B
C.189161/52	Undercarriage 'down', starboard wing, union to union	3/8" o/d. x 22 S.W.G. x 1' 10" long	DTD.323	B-B
C.189161/53	Undercarriage 'down', union to starboard wing break	3/8" o/d. x 22 S.W.G. x 8" long	DTD.323	A-A
C.189161/54	Undercarriage 'down', starboard wing, tee-piece . . . to thermal relief valve	3/16" o/d. x 22 S.W.G. x 2' 0" long	DTD.323	G-G
C.189161/59	Wheel brake, starboard wing break to union	1/4" o/d. x 22 S.W.G. x 2' 0" long	DTD.323	A-B
C.189161/72	Flap up, starboard wing break to union	1/4" o/d. x 22 S.W.G. x 1' 5" long	DTD.323	A-A
C.189161/73	Flap up, starboard wing, union to bleed adapter . . .	1/4" o/d. x 22 S.W.G. x 3' 8" long	DTD.323	B-A
C.189161/75	Flap down, starboard wing break to union	1/4" o/d. x 22 S.W.G. x 1' 5" long	DTD.323	B-A

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.189161/76	Flap down, starboard wing, union to bleed adapter .	1/4" o/d. x 22 S.W.G. x 3' 9" long	DTD.323	B-A
C.189161/80	Flap balance, starboard wing break, union to union	1/4" o/d. x 22 S.W.G. x 1' 11" long	DTD.323	B-B
C.189161/90	Undercarriage air tee piece to starboard wing break .	3/16" o/d. x 22 S.W.G. x 2-3/16" long	DTD.323	G-G
C.189161/97	Undercarriage 'up', tee-piece to restrictor valve	1/4" o/d. x 22 S.W.G. x 9-1/2" long	DTD.323	A-A
C.189161/98	Undercarriage 'up', tee-piece to thermal relief valve .	3/16" o/d. x 22 S.W.G. x 3' 6" long	DTD.323	G-G
C.189161/99	Return, thermal relief valve to tee-piece	3/16" o/d. x 22 S.W.G. x 2' 1" long	DTD.323	G-G
C.189161/100	Return, tee-piece to tee-piece	1/4" o/d. x 22 S.W.G. x 2-5/16" long	DTD.323	A-A
C.189161/101	Return, tee-piece to tee-piece	1/4" o/d. x 22 S.W.G. x 10-1/2" long	DTD.323	A-A
C.189161/103	Undercarriage 'up', union to union	1/4" o/d. x 22 S.W.G. x 2' 0" long	DTD.323	A-B
C.189161/104	Undercarriage 'up', sequence valve to pressure regulator valve	1/4" o/d. x 22 S.W.G. x 1' 3" long	DTD.323	A-A
C.189161/105	Undercarriage 'up', pressure regulator valve to union	1/4" o/d. x 22 S.W.G. x 3' 1" long	DTD.323	A-A
C.189161/106	Undercarriage 'up', union to union	1/4" o/d. x 22 S.W.G. x 1' 11" long	DTD.323	B-B
C.189161/107	Aileron, power assisted, tee-piece to union	1/4" o/d x 22 S.W.G. x 2' 3" long	DTD.323	A-A
C.189161/108	Aileron, power assisted, union to union	1/4" o/d. x 22 S.W.G. x 1' 6" long	DTD.323	B-A
C.189161/109	Aileron, power assisted, union to union	1/4" o/d. x 22 S.W.G. x 1' 7" long	DTD.323	B A
C.189161/110	Aileron, power assisted, union to union	1/4" o/d. x 22 S.W.G. x 4' 0" long	DTD.323	B-B
C.189161/111	Aileron, power assisted, union to union	1/4" o/d. x 22 S.W.G. x 1' 5" long	DTD.323	A-A
C.189161/112	Aileron, power assisted, union to tee-piece	1/4" o/d. x 22 S.W.G. x 5' 2" long	DTD.323	B-A
C.189161/114	Return, flexible hose to union	1/4" o/d. x 22 S.W.G. x 5' 1" long	DTD.323	A-B

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.189161/115	Return, union to union	1/4" o/d. x 22 S.W.G. x 1' 8" long	DTD.323	A-A
C.189161/116	Return, union to union	1/4" o/d. x 22 S.W.G. x 4' 0" long	DTD.323	B-B
C.189161/117	Return, union to union	1/4" o/d. x 22 S.W.G. x 1' 10" long	DTD.323	A-A
C.189161/118	Return, union to union	1/4" o/d. x 22 S.W.G. x 1' 4" long	DTD.323	B-B
C.189161/119	Return, union to union	1/4" o/d. x 22 S.W.G. x 2' 7" long	DTD.323	A-A
C.189161/124	Pressure, tee-piece to accumulator	1/4" o/d. x 22 S.W.G. x 1' 7" long	DTD.323	A-A
C.189161/126	Flap balance, tee-piece to jack up connection	1/4" o/d. x 22 S.W.G. x 2' 3" long		A-A
C.189161/127	Flap balance, tee-piece to selector	3/16" o/d. x 22 S.W.G. x 1' 1" long	DTD.323	G-G
C.189161/138	Flap balance, union to flap down connection	1/4" o/d. x 22 S.W.G. x 2' 8" long	DTD.323	B-A
C.189161/139	Flap balance, union to union	1/4" o/d. x 22 S.W.G. x 2' 11" long		
C.189161/140	Flap balance, selector to union	3/16" o/d. x 22 S.W.G. x 4' 0" long	DTD.323	G-G
C.189161/141	Flap balance, tee-piece to union	1/4" o/d. x 22 S.W.G. x 3' 5" long	DTD.323	A-A
C.189161/153	Undercarriage air, non-return valve to 4-way piece	3/16" o/d. x 22 S.W.G. x 1' 3" long	DTD.323	G-G
C.189161/154	Undercarriage down, undercarriage, jack to 4-way .. piece	1/4" o/d. x 22 S.W.G. x 4' 10" long	DTD.323	A-A
C.189161/164	Undercarriage 'up', tee-piece to tee-piece	1/4" o/d. x 22 S.W.G. x 8" long	DTD.323	A-A
C.189161/165	Undercarriage 'up', tee-piece to thermal relief	3/16" o/d. x 22 S.W.G. x 7" long	DTD.323	G-G

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.189161/167	Undercarriage 'up,' tee-piece to union	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 2' 1" long.	DTD.323	A-B
C.189161/169	Undercarriage 'up,' jettison valve to tee-piece ...	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 4' 0" long.	DTD.323	A-A
C.189161/170	Undercarriage 'down,' union to tee-piece ...	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 1' 5" long.	DTD.323	B-A
C.189161/171	Undercarriage 'down' starboard wing break to union	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 1' 8" long.	DTD.323	B-A
C.189161/174	Undercarriage 'down' tee-piece to union ...	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 1' 6" long.	DTD.323	A-B
C.189161/175	Undercarriage 'down,' union to starboard wing break	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 1' 8" long.	DTD.323	A-B
C.189161/176	Undercarriage 'down' 4 way piece to union ...	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 1' 1" long.	DTD.323	G-B
C.189161/182	Undercarriage air, union to pressure relief valve	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 3' 1" long.	DTD.323	G-G
C.189161/183	Undercarriage air, non-return valve to pressure release valve	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2' 4" long.	DTD.323	G-G
C.189161/189	Undercarriage air, starboard wing break to union	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 3' 6" long.	DTD.323	G-B
C.189161/214	Undercarriage 'down' tee-piece to shuttle valve	$\frac{3}{8}$ " o/d. x 22 S.W.G. x 1' 2" long.	DTD.323	A-A
C.189161/215	Undercarriage 'down,' starboard wing, shuttle valve to tee-piece	$\frac{3}{8}$ " o/d. x 22 S.W.G. x 1' 4" long.	DTD.323	A-A
C.189161/216	Undercarriage 'down,' tee-piece to union ...	$\frac{3}{8}$ " o/d. x 22 S.W.G. x 3' 1" long.	DTD.323	A-A
C.189161/217	Power assisted aileron, union to starboard wing break	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 1' 11" long.	DTD.323	B-A
C.189161/218	Undercarriage air, union to tee-piece	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 1' 10" long.	DTD.323	B-G
C.189161/219	Undercarriage air, union to atmosphere	$\frac{3}{8}$ " o/d. x 22 S.W.G. x 1' 11" long.	DTD.323	A-Plain
C.189161/220	Flap balance, union to tee-piece (Starboard wing break)	$\frac{1}{4}$ " o/d. x 22 S.W.G. 2' 3" long.	DTD.323	A-A
C.189161/221	Flap, balance, union to wing break	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2' 3" long.	DTD.323	B-B
C.189161/230	Pressure, tee-piece to tee-piece	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 10" long.	DTD.323	A-A
C.189161/231	Pressure, starboard wing, tee-piece to thermal relief valve	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 1' 10" long.	DTD.323	G-G

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.189161/234	Return, starboard wing, non-return valve to 4 way piece	$\frac{1}{8}$ " o/d. x 22 S.W.G. x 7" long.	DTD.323	G-G
C.189161/247	Recuperator, union to union	$\frac{1}{8}$ " o/d. x 22 S.W.G. x 2' 1" long.	DTD.323	G-B
C.189161/248	Recuperator, union to union	$\frac{1}{8}$ " o/d. x 22 S.W.G. x 2' 11" long.	DTD.323	G-B
C.189161/249	Recuperator, union to tee-piece	$\frac{1}{8}$ " o/d. x 22 S.W.G. x 1' 4" long.	DTD.323	G-G

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.189161/250	Recuperator, tee-piece to leg pivot connection (C)	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2' 3" long.	DTD.323	G-G
C.189161/251	Recuperator, tee-piece to pressure reducing valve	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2 $\frac{1}{2}$ " long.	DTD.323	G-G
C.189161/252	Recuperator, pressure regulating valve to tee-piece	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2' 3" long.	DTD.423	G-G
C.189161/253	Pressure, union to tee-piece... ..	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 11 $\frac{1}{2}$ " long.	DTD.323	A-A
C.189161/254	Pressure, tee-piece to non-return valve	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 1' 0" long.	DTD.323	A-A
C.189161/255	Wheel brake, leg pivot connection (A) to adaptor	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2' 10" long.	DTD.323	G-G
C.189161/256	Wheel brake, adaptor to union	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 2' 0" long.	DTD.323	A-A
C.189161/257	Return, leg pivot connection (B) to tee-piece	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 1' 10" long.	DTD.323	G-G
C.189161/259	Recuperator, tee-piece to pressure regulating valve	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 9 $\frac{1}{2}$ " long.	DTD.323	G-G
C.189161/267	Pressure, non-return valve to filter (inlet)	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 9" long.	DTD.323	A-A
C.189161/268	Pressure, filter (outlet) to tee-piece	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 4 $\frac{1}{2}$ " long.	DTD.323	A-A
C.189161/273	Return, 4 way piece to tee-piece	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2' 0" long.	DTD.323	G-G
C.189161/274	Undercarriage 'up,' 4 way piece to union	$\frac{3}{8}$ " o/d. x 22 S.W.G. x 1' 1" long.	DTD.323	A-A
C.189161/275	Undercarriage 'up,' union to jettison valve	$\frac{3}{8}$ " o/d. x 22 S.W.G. x 2' 2" long.	DTD.323	A-B
C.189161/276	Oil jettison, jettison valve to atmosphere	$\frac{3}{8}$ " o/d. x 22 S.W.G. x 1' 6 $\frac{1}{2}$ " long.	DTD.323	A-Plain
C.189161/277	Undercarriage air, union to union	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2' 5" long.	DTD.323	G-B
C.189161/278	Undercarriage air, union to jettison valve	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2' 1" long.	DTD.323	G-G
C.189161/279	Undercarriage air, jettison valve to shuttle valve	$\frac{3}{16}$ " o/d. + 22 S.W.G. x 1' 6" long.	DTD.323	G-G
C.189161/280	Return, 4 way piece to non-return valve... ..	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 10 $\frac{1}{2}$ " long.	DTD.323	A-A
C.189161/281	Undercarriage 'down,' sequence valve to union	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 1' 8" long.	DTD.323	G-G

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
B.190252/4	From bulkhead union in top skin to bulkhead union at frame 18	1/2" o/d. x 22 S.W.G. x 5' 0" long.	DTD.253	A-A
B.190252/5	For pre-cooler drain	3/4" o/d. x 22 S.W.G. x 3' 0" long.	DTD.323	A-A
B.190252/7	From connection to bulkhead union at frame 18	1/2" o/d. x 22 S.W.G. x 5' 6" long.	DTD.253	A-B
B.190252/8	For inter cooler drain	3/4" o/d. x 22 S.W.G. x 3' 0" long.	DTD.253	A-A
B.196210/1	Pressure, joint to joint	5/16" o/d. x 22 S.W.G. x 1' 8" long.	L.54 or T.9	Plain
B.196210/2	Static, joint to joint	5/16" o/d. x 22 S.W.G. x 2' 0" long.	L.54 or T.9	Plain
B.196210/3	Pressure, joint to tee-piece	5/16" o/d. x 22 S.W.G. x 1' 1" long.	L.54 or T.9	Plain
B.196210/4	Static, joint to tee-piece	5/16" o/d. x 22 S.W.G. x 10" long.	L.54 or T.9	Plain
B.196210/7	Static, tee-piece to tee-piece	5/16" o/d. x 22 S.W.G. x 3' 1" long.	L.54 or T.9	Plain
B.196210/8	Pressure, tee-piece to tee-piece	5/16" o/d. x 22 S.W.G. x 3' 7" long.	L.54 or T.9	Plain
B.196210/13	Pressure, joint to joint	5/16" o/d. x 22 S.W.G. x 2' 11" long.	L.54 or T.9	Plain
B.196210/14	Static, joint to joint	5/16" o/d. x 22 S.W.G. x 2' 6" long.	L.54 or T.9	Plain
B.196210/17	Pressure, tee-piece to joint	5/16" o/d. x 22 S.W.G. x 2' 10" long.	L.54 or T.9	Plain
B.196210/18	Static, tee-piece to joint	5/16" o/d. x 22 S.W.G. x 2' 3" long.	L.54 or T.9	Plain
B.196210/19	Pressure, joint to joint	5/16" o/d. x 22 S.W.G. x 2' 5" long.	L.54 or T.9	Plain
B.196210/20	Static, joint to joint	5/16" o/d. x 22 S.W.G. x 2' 5" long.	L.54 or T.9	Plain

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
A.196449/1	Pressure, union to elbow	5/16" o/d. x 22 S.W.G. x 8" long	L.54 or Std.1741 Altv.	Plain
A.196449/2	Static, union to elbow	5/16" o/d. x 22 S.W.G. x 11" long	L.54 or Std.1741 Altv.	Plain
A.196449/3	Pressure, elbow to union	5/16" o/d. x 22 S.W.G. x 2' 0" long	L.54 or Std.1741 Altv.	Plain
A.196449/4	Static, elbow to union	5/16" o/d. x 22 S.W.G. x 1' 9" long	L.54 or Std.1741 Altv.	Plain
A.196449/5	Pressure, union to tee-piece	5/16" o/d. x 22 S.W.G. x 2' 0" long	L.54 or Std.1741 Altv.	Plain
A.196449/6	Static, union to tee-piece	5/16" o/d. x 22 S.W.G. x 2' 1" long	L.54 or Std.1741 Altv.	Plain
A.196449/15	Pressure, tee-piece to union	5/16" o/d. x 22 S.W.G. x 2' 4" long	L.54 or Std.1741 Altv.	Plain
A.196449/16	Static, tee-piece to union	5/16" o/d. x 22 S.W.G. x 2' 4" long	L.54 or Std.1741 Altv.	Plain
A.196449/17	Pressure, union to tee-piece	5/16" o/d. x 22 S.W.G. x 2' 0" long	L.54 or Std.1741 Altv.	Plain
A.196449/18	Static, union to tee-piece	5/16" o/d. x 22 S.W.G. x 1' 10" long	L.54 or Std.1741 Altv.	Plain
A.196449/19	Pressure, tee-piece to elbow	5/16" o/d. x 22 S.W.G. x 10" long	L.54 or Std.1741 Altv.	Plain
A.196449/20	Static, tee-piece to elbow	5/16" o/d. x 22 S.W.G. x 10" long	L.54 or Std.1741 Altv.	Plain

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
A.196449/21	Pressure, elbow to elbow	5/16" o/d. x 22 S.W.G. x 4' 0" long	L.54 or Std.1741 Altv.	Plain
A.196449/22	Static, elbow to elbow	5/16" o/d. x 22 S.W.G. x 4' 3" long	L.54 or Std.1741 Altv.	Plain
A.196449/23	Pressure, elbow to elbow	3/16" o/d. x 22 S.W.G. x 1' 1" long	L.54 or Std.1741 Altv.	Plain
A.196449/24	Static, elbow to elbow	3/16" o/d. x 22 S.W.G. x 1' 1" long	L.54 or Std.1741 Altv.	Plain
A.196449/25	Pressure, elbow to union	5/16" o/d. x 22 S.W.G. x 5' 1" long	L.54 or T.9	Plain
A.196449/26	Static, elbow to union	5/16" o/d. x 22 S.W.G. x 4' 11" long	L.54 or T.9	Plain
A.196449/27	Pressure, union to union	5/16" o/d. x 22 S.W.G. x 10" long	L.54 or T.9	Plain
A.196449/28	Static, union to union	5/16" o/d. x 22 S.W.G. x 1' 1" long	L.54 or T.9	Plain
A.196449/29	Pressure, tee-piece to tee-piece	5/16" o/d. x 22 S.W.G. x 2' 8" long	L.54 or Std.1741 Altv.	Plain
A.196449/30	Static, tee-piece to tee-piece	5/16" o/d. x 22 S.W.G. x 2' 4" long	L.54 or Std.1741 Altv.	Plain
A.196449/31	Pressure, tee-piece to pressure head	5/16" o/d. x 22 S.W.G. x 8-1/2" long	L.54 or T.9	Plain
A.196449/32	Static, tee-piece to static head	5/16" o/d. x 22 S.W.G. x 9" long	L.54 to T.9	Plain
C.198764/1	Pressure, engine driven pump to tee-piece	1/2" o/d. x 20 S.W.G. x 5" long	DTD.323	A-A
C.198764/3	Pressure, tee-piece to E.P. non-return valve	1/2" o/d. x 20 S.W.G. x 1' 4" long	DTD.323	A-A
C.198764/4	Pressure, E.P. non-return valve to tee-piece	1/2" o/d. x 20 S.W.G. x 5" long	DTD.323	A-A
C.198764/9	Pressure, union to union	1/4" o/d. x 22 S.W.G. x 3' 10" long	DTD.323	A-A

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.198764/10	Pressure, union to tee-piece	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 2' 0" long.	DTD.323	B-A
C.198764/11	Pressure, tee-piece to non-return valve	$\frac{1}{2}$ " o/d. x 22 S.W.G. x 4" long.	DTD.323	A-A
C.198764/12	Pressure, non-return valve to tee-piece	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 3" long.	DTD.323	A-A
C.198764/15	Pressure, tee-piece to hand pump pressure relief valve	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 5" long.	DTD.323	A-A
C.198764/16	Pressure, tee-piece to bulkhead union	$\frac{1}{2}$ " o/d. x 22 S.W.G. x 2' 8" long.	DTD.323	A-A
C.198764/24	Suction, tee-piece to hand pump pressure relief	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 6" long.	DTD.323	A-A
C.198764/31	Return, union to bulkhead union	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 3' 0" long.	DTD.323	A-A
C.198764/32	Return, tee-piece to 4 way piece	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 10" long.	DTD.323	G-G
C.198764/33	Return, 4 way piece to pressure reducing valve	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 8" long.	DTD.323	G-G
C.198764/34	Return, 4 way piece to lower pressure relief valve	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 6" long.	DTD.323	G-G
C.198764/35	Return, 4 way piece to upper pressure relief valve	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 7" long.	DTD.323	G-G
C.198764/39	Wing flap 'up,' union to union	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 2' 9" long.	DTD.323	A-B
C.198764/42	Wing flap 'down,' union to union	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 2' 9" long.	DTD.323	A-B
C.198764/44	Flap interconnection, pressure reducing valve to tee-piece	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 9" long.	DTD.323	G-G
C.198764/46	Flap interconnection, non-return valve to 4 way piece	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 11" long.	DTD.323	G-G
C.198764/48	Flap interconnection, 4 way piece to union ...	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 3' 8" long.	DTD.323	A-A
C.198764/50	Flap interconnection, tee-piece to non-return valve	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 5" long.	DTD.323	G-G
C.198764/51	Flap interconnection, non-return valve to 4 way piece	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 1' 1" long.	DTD.323	G-G
C.198764/52	Flap interconnection, 4 way piece to starboard wing break	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 6" long.	DTD.323	A-A

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.198764/53	Flap, interconnection, 4 way piece to union ...	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 4' 3" long.	DTD.323	A-A
C.198764/56	Flap interconnection, 4 way piece to upper pressure relief valve	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 1' 6" long.	DTD.323	G-G
C.198764/67	Tee-piece to union	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 3' 8" long.	DTD.323	G-G
C.198764/68	Tee-piece to starboard wing break	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 1' 1" long.	DTD.323	G-G
C.198764/69	Tee-piece to tee-piece	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 1' 4" long.	DTD.323	G-G
C.198764/72	Tee-piece to tee-piece	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 7" long.	DTD.323	G-G
C.198764/73	Tee-piece to non-return valve	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 3" long.	DTD.323	G-G
C.198764/74	Union to port wing break	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2' 9" long.	DTD.323	B-G
C.198764/75	Pressure, union to hand pump	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 1' 7" long.	DTD.323	B-A
C.198764/84	Pressure, union to union	$\frac{3}{8}$ " o/d. x 22 S.W.G. x 2' 1" long.	DTD.323	A-A
C.198764/85	Pressure, 4 way piece to tee-piece	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 1' 5" long.	DTD.323	A-A
C.198764/88	Return, tee-piece to 4 way piece	$\frac{1}{2}$ " o/d. x 20 S.W.G. x 2' 5" long.	DTD.323	A-A
C.198764/91	Union to restrictor union	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 1' 6" long.	DTD.323	A-B
C.198764/93	Undercarriage 'up,' sequence valve to union ...	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 1' 1" long.	DTD.323	A-A
C.198764/94	Undercarriage 'down,' sequence valve to union	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 2' 4" long.	DTD.323	A-A
C.198764/96	Return, tee-piece to port wing break	$\frac{3}{8}$ " o/d. x 22 S.W.G. x 3' 10" long.	DTD.323	A-A
C.198764/97	Pressure, tee-piece to union... ..	$\frac{3}{8}$ " o/d. x 22 S.W.G. x 1' 2" long.	DTD.323	A-B
C.198764/99	Undercarriage 'up,' union to union, port wing break	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 3' 3" long.	DTD.323	A-A
C.198764/100	Undercarriage 'down,' tee-piece to tee-piece ...	$\frac{3}{8}$ " o/d. x 22 S.W.G. x 2' 9" long.	DTD.323	A-A

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.198764/101	Undercarriage air, union to port wing break	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 4' 0" long.	DTD.323	G-G
C.198764/105	Undercarriage 'down,' tee-piece to sequence valve	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 1' 9" long.	DTD.323	A-A
C.198764/106	Undercarriage 'down,' union to sequence valve	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 2' 3" long.	DTD.323	B-A
C.198764/108	Recuperator, union to union	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 3' 7" long.	DTD.323	B-B
C.198764/109	Recuperator, union to union	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 3' 10" long.	DTD.323	G-G
C.198764/132	Pressure, tee-piece to external supply valve ...	$\frac{1}{2}$ " o/d. x 20 S.W.G. x 4" long.	DTD.323	A-C
C.198764/134	Return, 4 way piece to external supply valve ...	$\frac{3}{8}$ " o/d. x 22 S.W.G. x 10" long.	DTD.323	A-A
C.198764/135	Return, 4 way piece to tee-piece	$\frac{1}{2}$ " o/d. x 20 S.W.G. x 16" long.	DTD.323	A-A
C.198764/140	Pressure, tee-piece to union	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 1' 2" long.	DTD.323	A-S
C.198764/145	Undercarriage down tee-piece to union	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 3' 3" long.	DTD.323	A-B
C.198764/146	Return, tee-piece to union	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 1' 6" long.	DTD.323	A-B
C.198764/151	Return, reservoir to tee-piece	$\frac{1}{2}$ " o/d. x 20 S.W.G. x 1' 10" long.	DTD.323	A-A
C.198764/152	Return, tee-piece to union	$\frac{3}{8}$ " o/d. x 22 S.W.G. x 2' 5" long.	DTD.323	A-A
C.198764/153	Return, union to union	$\frac{3}{8}$ " o/d. x 22 S.W.G. x 1' 11" long.	DTD.323	B-A
C.198764/156	Suction, filter to tee-piece	$\frac{3}{8}$ " o/d. x 22 S.W.G. x 1' 0" long.	DTD.323	A-A
C.198764/157	Suction, tee-piece to hand pump	$\frac{3}{8}$ " o/d. x 22 S.W.G. x 2' 4" long.	DTD.323	A-A
C.198764/158	Return, reservoir to union	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 1' 7" long.	DTD.323	A-B
C.198764/159	Relief, reservoir to atmosphere	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 1' 6" long.	DTD.323	A-Plain
C.198764/160	Pressure, tee-piece to union	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 2' 6" long.	DTD.323	A-A

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
A.198842/1	Greaser, port, inner	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 9 $\frac{1}{2}$ " long.	DTD.253	H-G
A.198842/2	Greaser, starboard, inner	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 9 $\frac{1}{2}$ " long.	DTD.253	H-G
A.198842/3	Greaser, port, outer	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 9 $\frac{1}{2}$ " long.	DTD.253	H-G
A.198842/4	Greaser, starboard, outer	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 9 $\frac{1}{2}$ " long.	DTD.253	H-G
A.199665	Drain, engine, oil filter	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 1' 9 $\frac{1}{2}$ " long.	DTD.253	A-Plain
B.201042/11	Balance, pressure reducing valve to tee-piece, port	$\frac{3}{8}$ " o/d. x 22 S.W.G. x 2' 9" long.	DTD.253	A-A
B.201042/12	Balance, pressure reducing valve to tee-piece, starboard	$\frac{3}{8}$ " o/d. x 22 S.W.G. x 1' 4" long.	DTD.253	A-A
B.201042/13	Drain, tee-piece to boss	$\frac{3}{8}$ " o/d. x 22 S.W.G. x 11" long.	DTD.253	A-A
B.201059/1	Balance, pressure relief valve to tee-piece, port ...	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 1' 6" long.	DTD.253	A-A
B.201059/2	Balance, pressure relief valve to tee-piece, starboard	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 4' 0" long.	DTD.253	A-A
B.201059/3	Balance, tee-piece to refuelling branch pipe ...	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 1' 10" long.	DTD.253	A-A

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.211689/1	Pressure, transport joint to union.....	¼" o/d. x 22 S.W.G. x 1' 11" long.	DTD.323	A—B
C.211689/2	Pressure, union to union.....	¼" o/d. x 22 S.W.G. x 2' 10" long.	DTD.323	A—B
C.211689/5	Pressure, union to tee-piece.....	¼" o/d. x 22 S.W.G. x 1' 8" long.	DTD.323	A—A
C.211689/6	Pressure, tee-piece to union.....	¼" o/d. x 22 S.W.G. x 3' 4" long.	DTD.323	A—B
C.211689/7	Pressure, union to union.....	¼" o/d. x 22 S.W.G. x 2' 0" long.	DTD.323	A—B
C.211689/8	Pressure, union to union.....	¼" o/d. x 22 S.W.G. x 3' 1" long.	DTD.323	A—A
C.211689/9	Pressure, union to tee-piece.....	¼" o/d. x 22 S.W.G. x 3' 5" long.	DTD.323	B—A
C.211689/13	Pressure, tee-piece to non-return valve.....	¼" o/d. x 22 S.W.G. x 3½" long.	DTD.323	A—A
C.211689/14	Pressure, non-return valve to 4 way piece.....	¼" o/d. x 22 S.W.G. x 7" long.	DTD.323	A—A
C.211689/15	Pressure, 4 way piece to brake relay unit.....	¼" o/d. x 22 S.W.G. x 14" long.	DTD.323	A—A
C.211689/16	Return, transport joint to union.....	¼" o/d. x 22 S.W.G. x 2' 3" long.	DTD.323	A—B
C.211689/17	Return, union to union.....	¼" o/d. x 22 S.W.G. x 2' 4" long.	DTD.323	A—B
C.211689/18	Return, union to tee-piece.....	¼" o/d. x 22 S.W.G. x 3' 4" long.	DTD.323	A—A
C.211689/19	Return, tee-piece to union.....	¼" o/d. x 22 S.W.G. x 1' 4" long.	DTD.323	A—B
C.211689/20	Return, union to union.....	¼" o/d. x 22 S.W.G. x 3' 7" long.	DTD.323	A—B
C.211689/22	Return, union to union.....	¼" o/d. x 22 S.W.G. x 2' 11" long.	DTD.323	A—B
C.211689/23	Return, union to tee-piece.....	¼" o/d. x 22 S.W.G. x 2' 10" long.	DTD.323	A—A
C.211689/24	Return, tee-piece to non-return valve.....	¼" o/d. x 22 S.W.G. x 7" long.	DTD.323	A—A
C.211689/25	Return, non-return valve to brake relay valve.....	¼" o/d. x 22 S.W.G. x 1' 4" long.	DTD.323	A—A
C.211689/27	Return, thermal relief valve to 4 way piece.....	3/16" o/d. x 22 S.W.G. x 1' 11" long.	DTD.323 or DTD.5016	G—G or J—J

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.211689/28	Return, tee-piece to non-return valve.....	1/4" o/d. x 22 S.W.G. x 7" long.	DTD.323	A—A
C.211689/29	Pressure, tee-piece to non-return valve	1/4" o/d. x 22 S.W.G. x 6" long.	DTD.323	A—A
C.211689/30	Starboard brake, transport joint to union	1/4" o/d. x 22 S.W.G. x 2' 3" long.	DTD.323	A—B
C.221689/31	Starboard brake, union to union.....	1/4" o/d. x 22 S.W.G. x 2' 10" long.	DTD.323	A—B
C.211689/32	Starboard brake, union to union.....	1/4" o/d. x 22 S.W.G. x 3' 1" long.	DTD.323	A—B
C.211689/33	Starboard brake, union to union.....	1/4" o/d. x 22 S.W.G. x 1' 5" long.	DTD.323	A—B
C.211689/34	Starboard brake, union to union.....	1/4" o/d. x 22 S.W.G. x 3' 10" long.	DTD.323	A—B
C.211689/35	Starboard brake, union to union.....	1/4" o/d. x 22 S.W.G. x 2' 3" long.	DTD.323	A—B
C.211689/36	Starboard brake, union to union.....	1/4" o/d. x 22 S.W.G. x 1' 9" long.	DTD.323	A—A
C.211689/37	Starboard brake, union to tee-piece	1/4" o/d. x 22 S.W.G. x 3' 5" long.	DTD.323	B—A
C.211689/38	Starboard brake, tee-piece to brake relay valve	1/4" o/d. x 22 S.W.G. x 7" long.	DTD.323	A—A
C.211689/41	Port brake, transport joint to union	1/4" o/d. x 22 S.W.G. x 1' 11" long.	DTD.323	A—B
C.211689/42	Port brake, union to union.....	1/4" o/d. x 22 S.W.G. x 3' 1" long.	DTD.323	A—B
C.211689/43	Port brake, union to union.....	1/4" o/d. x 22 S.W.G. x 2' 11" long.	DTD.323	A—B
C.211689/44	Port brake, union to union.....	1/4" o/d. x 22 S.W.G. x 1' 5" long.	DTD.323	A—B
C.211689/45	Port brake, union to union.....	1/4" o/d. x 22 S.W.G. x 3' 9" long.	DTD.323	A—B
C.211689/46	Port brake, union to union.....	1/4" o/d. x 22 S.W.G. x 1' 10" long.	DTD.323	A—B
C.211689/47	Port brake, union to union.....	1/4" o/d. x 22 S.W.G. x 3' 2" long.	DTD.323	A—B
C.211689/48	Port brake, union to tee-piece	1/4" o/d. x 22 S.W.G. x 4' 0" long.	DTD.323	A—A
C.211689/49	Port brake, tee-piece to brake relay valve	1/4" o/d. x 22 S.W.G. x 1' 4" long.	DTD.323	A—A

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.211689/52	Undercarriage 'up', transport joint to union	1/4" o/d. x 22 S.W.G. x 2' 3" long	DTD.323	A-B
C.211689/53	Undercarriage 'up', union to union	1/4" o/d. x 22 S.W.G. x 2' 7" long	DTD.323	A-B
C.211689/54	Undercarriage 'up', union to union	1/4" o/d. x 22 S.W.G. x 3' 0" long	DTD.323	A-B
C.211689/55	Undercarriage 'up', union to union	1/4" o/d. x 22 S.W.G. x 1' 6" long	DTD.323	A-B
C.211689/56	Undercarriage 'up', union to union	1/4" o/d. x 22 S.W.G. x 3' 11" long	DTD.323	A-B
C.211689/57	Undercarriage 'up', union to union	1/4" o/d. x 22 S.W.G. x 1' 6" long	DTD.323	A-B
C.211689/58	Undercarriage 'up', union to tee-piece	1/4" o/d. x 22 S.W.G. x 1' 0" long	DTD.323	A-A
C.211689/60	Undercarriage 'up', restrictor valve to nosewheel ... jack	3/16" o/d. x 22 S.W.G. x 2' 4" long	DTD.323	G-G
C.211689/61	Undercarriage 'up', tee-piece to union	3/16" o/d. x 22 S.W.G. x 2' 0" long	DTD.323	G-B
C.211689/62	Undercarriage 'up', union to sequence valve	3/16" o/d. x 22 S.W.G. x 1' 10" long	DTD.323	G-G
C.211689/63	Undercarriage 'up', sequence valve to union	3/16" o/d. x 22 S.W.G. x 3' 0" long	DTD.323	G-B
C.211689/66	Undercarriage 'down', transport joint to union	1/4" o/d. x 22 S.W.G. x 2' 4" long	DTD.323	A-B
C.211689/67	Undercarriage 'down', union to union	1/4" o/d. x 22 S.W.G. x 2' 7" long	DTD.323	A-B

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PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.211689/68	Undercarriage 'down', union to nose undercarriage shuttle valve	1/4" o/d. x 22 S.W.G. x 1' 10" long	DTD.323	A-A
C.211689/69	Undercarriage 'down', shuttle valve to union	1/4" o/d. x 22 S.W.G. x 2' 2" long	DTD.323	A-B
C.211689/70	Undercarriage 'down', union to union	1/4" o/d. x 22 S.W.G. x 1' 5" long	DTD.323	A-B
C.211689/71	Undercarriage 'down', union to union	1/4" o/d. x 22 S.W.G. x 3' 7" long	DTD.323	A-B
C.211689/72	Undercarriage 'down', union to union	1/4" o/d. x 22 S.W.G. x 2' 3" long	DTD.323	A-B
C.211689/73	Undercarriage 'down', union to tee-piece	1/4" o/d. x 22 S.W.G. x 1' 3" long	DTD.323	A-A
C.211689/74	Undercarriage 'down', tee-piece to nose wheel jack	3/16" o/d. x 22 S.W.G. x 2' 3" long	DTD.323	G-G
C.211689/75	Undercarriage 'down', tee-piece to union	3/16" o/d. x 22 S.W.G. x 1' 10" long	DTD.323	G-B
C.211689/76	Undercarriage 'down', union to union	3/16" o/d. x 22 S.W.G. x 3' 4" long	DTD.323	G-B
C.211689/77	Undercarriage 'down', union to union	3/16" o/d. x 22 S.W.G. x 2' 1" long	DTD.323	G-B
C.211689/80	Pressure, 4 way piece to tee-piece	1/4" o/d. x 22 S.W.G. x 1' 11" long	DTD.323	A-A
C.211689/81	Pressure, tee-piece to brake accumulator	1/4" o/d. x 22 S.W.G. x 3" long	DTD.323	A-A
C.211689/82	Pressure, tee-piece to brake accumulator	1/4" o/d. x 22 S.W.G. x 7-1/2" long	DTD.323	A-A
C.211689/84	Brake air, changing accumulator to bulkhead union	3/16" o/d. x 22 S.W.G. x 3' 0" long	DTD.323	G-G

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.211689/85	Undercarriage emergency air, transport joint to union	$\frac{3}{16}$ " o/d. \times 22 S.W.G. \times 2' 2" long.	DTD.323	G-B
C.211689/86	Undercarriage emergency air, union to tee-piece	$\frac{3}{16}$ " o/d. \times 22 S.W.G. \times 1' 7" long.	DTD.323	G-G
C.211689/87	Undercarriage emergency air, tee-piece to bulkhead union	$\frac{3}{16}$ " o/d \times 22 S.W.G. \times 2' 7" long.	DTD.323	G-G
C.211689/88	Undercarriage emergency air, tee-piece to union	$\frac{3}{16}$ " o/d. \times 22 S.W.G. \times 1' 10" long.	DTD.323	G-B
C.211689/89	Undercarriage emergency air, union to nose undercarriage shuttle valve	$\frac{3}{16}$ " o/d. \times 22 S.W.G. \times 2' 4" long.	DTD.323	G-G
C.211689/90	Flap emergency air, transport joint to union ...	$\frac{3}{16}$ " o/d. \times 22 S.W.G. \times 2' 0" long.	DTD.323	G-B
C.211689/91	Flap emergency air, union to union	$\frac{3}{16}$ " o/d. \times 22 S.W.G. \times 2' 2" long.	DTD.323	G-B
C.211689/92	Flap emergency air, union to bulkhead connection	$\frac{3}{16}$ " o/d. \times 22 S.W.G. \times 2' 2" long.	DTD.323	G-G
C.211689/93	Pressure, non-return valve to tee-piece	$\frac{1}{4}$ " o/d. \times 22 S.W.G. \times 1' 5" long.	DTD.323	A-A
C.211689/94	Pressure, tee-piece to hood accumulator	$\frac{1}{4}$ " o/d. \times 22 S.W.G. \times 1' 11" long.	DTD.323	A-A
C.211689/95	Pressure, tee-piece to hood selector valve	$\frac{1}{4}$ " o/d. \times 22 S.W.G. \times 9" long.	DTD.323	A-A
C.211689/96	Return, non-return valve to tee-piece	$\frac{1}{4}$ " o/d. \times 22 S.W.G. \times 8" long.	DTD.323	A-A
C.211689/97	Return, tee-piece to 4 way piece	$\frac{1}{4}$ " o/d. \times 22 S.W.G. \times 6" long.	DTD.323	A-A
C.211689/98	Return, 4 way piece to hood selector valve	$\frac{1}{4}$ " o/d. \times 22 S.W.G. \times 10" long.	DTD.323	A-A
C.21689/101	Hood open, 4 way piece to locking jack	$\frac{3}{16}$ " o/d. \times 22 S.W.G. \times 3' 1" long.	DTD.323	G-C
C.211689/102	Hood open, 4 way piece to sequence valve	$\frac{1}{4}$ " o/d. \times 22 S.W.G. \times 1' 4" long.	DTD.323-	G-G
C.211689/103	Hood open, 4 way piece to selector valve	$\frac{1}{4}$ " o/d. \times 22 S.W.G. \times 1' 5" long.	DTD.323	A-A
C.211689/107	Hood closed, selector valve to tee-piece	$\frac{1}{4}$ " o/d. \times 22 S.W.G. \times 1' 6" long.	DTD.323	A-A
C.211689/108	Hood open, sequence valve to restrictor valve	$\frac{3}{16}$ " o/d. \times 22 S.W.G. \times 1' 2" long.	DTD.323	G-G

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.211689/110	Hood open, bulkhead connection to operating jack	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2' 6" long.	DTD.323	G-G
C.211689/113	Hood closed, bulkhead connection to operating jack	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2' 6" long.	DTD.323	G-G
C.211689/118	Hood closed, 4 way piece to locking jack ...	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 3' 0" long.	DTD.323	G-C
C.211689/122	Hood air changing, accumulator to union ...	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 3' 2" long.	DTD.323	G-G
C.211689/123	Hood air charging, union to union	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 1' 4" long.	DTD.323	B-G
C.211689/124	Hood air changing, union to union	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 1' 3" long.	DRD.323	B-G
C.211689/125	Hood air changing, union to tee-piece	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 1' 3" long.	DTD.323	B-G
C.211689/126	Hood air changing, tee-piece to pressure gauge	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 10" long.	DTD.323	G-C
C.211689/127	Hood air changing, tee-piece to changing connection	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 10" long.	DTD.323	G-G
C.211689/129	Emergency air changing, changing connection to union	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2' 0" long.	DTD.323	G-G
C.211689/130	Emergency air changing, union to bulkhead connection	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2' 2" long.	DTD.323	B-G
C.211689/131	Emergency air changing bulkhead connection to 4 way piece	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 1' 2" long.	DTD.323	G-G
C.211689/132	Emergency air changing, 4 way piece to non-return valve	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 6" long.	DTD.323	G-G
C.211689/133	Emergency air changing, non-return valve to undercarriage air bottle	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 5" long.	DTD.323	G-G
C.211689/134	Emergency air changing, 4 way piece to non-return valve	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 5" long.	DTD.323	G-G
C.211689/135	Emergency air changing, non-return valve to flap air air bottle	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 8" long.	DTD.323	G-G
C.211689/136	Flap air, air bottle to union... ..	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2' 3" long.	DTD.323	G-B
C.211689/137	Flap air, union to tee-piece	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 1' 10" long.	DTD.323	G-G
C.211689/138	Flap air, tee-piece to gauge	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 1' 9" long.	DTD.323	G-C

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.211689/139	Undercarriage air, tee-piece to gauge	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 1' 10" long.	DTD.323	G-C
C.211689/140	Undercarriage air, tee-piece to air bottle ...	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2' 9" long.	DTD.323	G-G
C.211689/141	Undercarriage air, bulkhead connection to union	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2' 9" long.	DTD.323	G-B
C.211689/142	Undercarriage air, union to undercarriage emergency air valve	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 3' 2" long.	DTD.323	G-G
C.211689/143	Undercarriage air, tee-piece to undercarriage emergency air valve	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2' 10" long.	DTD.323	G-G
C.211689/144	Flap air, bulkhead connection to union	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 3' 0" long.	DTD.323	G-B
C.211689/145	Flap air, union to union	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 3' 2" long.	DTD.323	G-B
C.211689/146	Flap air, union to flap emergency air valve ...	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2' 5" long.	DTD.323	G-G
C.211689/147	Flap air, union to flap emergency air valve ...	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 3' 3" long.	DTD.323	G-G
C.211689/148	Flap air, union to flap emergency air valve ...	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2' 3" long.	DTD.323	G-G
C.211689/152	Brake accumulator, bulkhead connection to gauge	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 4' 4" long.	DTD.323	G-C
C.211689/154	Aileron gearing, union to union	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 3' 9" long.	DTD.323	A-B
C.211689/155	Undercarriage up, union to nose wheel forward jack	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 3' 6" long.	DTD.323	G-G
C.211689/156	Undercarriage down union to restrictor valve ...	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2' 10" long.	DTD.323	G-G
C.211689/157	Undercarriage down restrictor valve to nose wheel forward jack	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 4' 3" long.	DTD.323	G-G
C.211689/158	Brake air changing, changing connection to accumulator	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 1' 2" long.	DTD.323	G-G
C.211689/159	Return 4 way piece to thermal relief valve ...	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 9" long.	DTD.323	G-G
C.211689/160	Hood open, thermal relief valve to 4 way piece...	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 9" long.	DTD.323	G-G
C.211689/161	Return, 4 way piece to thermal relief valve ...	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 1' 3" long.	DTD.323	G-G

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.211689/162	Hood closed, thermal relief valve to tee-piece ...	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 1' 0" long.	DTD.323	G-G
C.211689/163	Hood closed, tee-piece to restrictor valve ...	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2' 1" long.	DTD.323	G-G
C.211689/164	Hood closed restrictor valve to bulkhead connection	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2' 4" long.	DTD.323	G-G
C.211689/165	Hood open, restrictor valve to bulkhead connection	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 3' 3" long.	DTD.323	G-G
C.211689/166	Hood closed bulkhead connection to 4 way piece	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 3' 6" long.	DTD.323	G-G
C.211689/167	Return, sequence valve to non-return valve ...	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 1' 7" long.	DTD.323	G-G
C.211689/168	Return, non-return valve to tee-piece ...	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 1' 9" long.	DTD.323	G-G
C.211689/169	Hood closed, 4 way piece to union ...	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2' 7" long.	DTD.323	G-G
C.211689/170	Hood closed, union to sequence valve ...	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 2' 0" long.	DTD.323	B-G
C.211689/171	Pressure union to tee-piece ...	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 1' 9" long.	DTD.323	A-A
C.211689/172	Pressure, tee-piece to union...	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 1' 3" long.	DTE.323	A-B
C.211689/173	Pressure, tee-piece to pressure switch ...	$\frac{3}{16}$ " o/d. x 22 S.W.G. x 1' 3" long.	DTD.323	G-G
C.211689/174	Return, union to tee-piece ...	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 9" long.	DTD.323	B-A
C.211689/175	Return, tee-piece to union ...	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 1' 5" long.	DTD.323	A-A
C.211689/176	Aileron gearing, union to union ...	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 1' 3" long.	DTD.323	A-B
C.211689/177	Aileron gearing, union to union ...	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 2' 3" long.	DTD.323	A-B
C.211689/178	Aileron gearing, union to union ...	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 2' 2" long.	DTD.323	A-B
C.211689/179	Aileron gearing, union to union ...	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 2' 6" long.	DTD.323	A-B
C.211689/180	Aileron gearing, union to union ...	$\frac{1}{4}$ " o/d. x 22 S.W.G. x 1' 9" long.	DTD.323	A-B

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.211689/181	Aileron gearing, union to union	1/4" o/d. x 22 S.W.G. x 3' 0" long	DTD.323	A-B
C.211689/182	Aileron gearing, union to shuttle valve	1/4" o/d. x 22 S.W.G. x 1' 8" long.	DTD.323	A-A
C.211689/183	Aileron gearing, shuttle valve to flexible hose	1/4" o/d. x 22 S.W.G. x 1' 6" long	DTD.323	A-A
C.211689/184	Return, shuttle valve to tee-piece	1/4" o/d. x 22 S.W.G. x 1' 5" long	DTD.323	A-A
C.211689/185	Port brake, bulkhead connection to gauge	3/16" o/d. x 22 S.W.G. x 3' 9" long	DTD.323	G-G
C.211689/186	Pressure, bulkhead connection to gauge	3/16" o/d. x 22 S.W.G. x 4' 0" long	DTD.323	G-G
C.211689/187	Starboard brake, bulkhead connection to gauge	3/16" o/d. x 22 S.W.G. x 4' 1" long	DTD.323	G-G
C.211689/202	Starboard brake, tee-piece to pressure relay valve (Mod. 803)	3/16" o/d. x 22 S.W.G. x 1' 8" long	DTD.323	G-G
C.211689/205	Port brake, tee-piece to pressure relay valve (Mod. 803)	3/16" o/d. x 22 S.W.G. x 7" long	DTD.323	G-G
C.211689/207	Pressure, tee-piece to pressure relay valve (Mod. 803)	3/16" o/d. x 22 S.W.G. x 2' 1" long	DTD.323	G-G
C.211689/208	Pressure, pressure relay valve to choke (Mod. 803)	3/16" o/d. x 22 S.W.G. x 5" long	DTD.323	G-G
C.211689/209	Pressure, choke to bulkhead connection (Mod. 803)	3/16" o/d. x 22 S.W.G. x 6" long	DTD.323	G-G
C.211689/219	Brake accumulator, bulkhead connection to gauge	3/16" o/d. x 22 S.W.G. x 4' 6" long	DTD.323	A-C
C.211689/220	Port brake, bulkhead connection to gauge	3/16" o/d. x 22 S.W.G. x 3' 10" long	DTD.323	A-C
C.211689/250	Return, 4 way piece to sequence valve (Mod. 813)	3/16" o/d. x 22 S.W.G. x 1' 9" long	DTD.323	G-G
C.211689/251	Return, sequence valve to restrictor valve (Mod. 813)	3/16" o/d. x 22 S.W.G. x 6" long	DTD.323	G-G
C.211689/252	Return, non-return valve to 4 way piece (Mod. 813)	3/16" o/d. x 22 S.W.G. x 1' 8" long	DTD.323	G-G
C.211689/253	Return, non-return valve to 4 way piece (Mod. 813)	3/16" o/d. x 22 S.W.G. x 9" long	DTD.323	G-G

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.211689/347	U/C emergency air—tee-piece to union	3/16" o/d. x 22 S.W.G. x 2' 6" long	DTD.323	A-B
C.211689/348	U/C emergency air—tee-piece to union	3/16" o/d. x 22 S.W.G. x 2' 4" long	DTD.323	A-B
C.211689/349	U/C emergency air—union to union	3/16" o/d. x 22 S.W.G. x 2' 6" long	DTD.323	A-B
C.211689/350	U/C emergency air—union to union	3/16" o/d. x 22 S.W.G. x 1' 0" long	DTD.323	A-B
C.211689/351	U/C emergency air—union to union	3/16" o/d. x 22 S.W.G. x 1' 5" long	DTD.323	A-B
C.211689/352	Flap, emergency air—tee-piece to union	3/16" o/d. x 22 S.W.G. x 2' 4" long	DTD.323	A-B
C.211689/353	Flap, emergency air, union to union	3/16" o/d. x 22 S.W.G. x 2' 3" long	DTD.323	A-B
C.211689/354	Flap, emergency air, union to union	3/16" o/d. x 22 S.W.G. x 2' 7" long	DTD.323	A-B
C.211689/355	Flap, emergency air, union to union	3/16" o/d. x 22 S.W.G. x 1' 0-1/2" long	DTD.323	A-B
C.211689/356	Flap, emergency air, union to union	3/16" o/d. x 22 S.W.G. x 1' 4-1/2" long	DTD.323	A-B
C.211689/378	Flap, air, union (FR.13) to union (FR.11)	3/16" o/d. x 22 S.W.G. x 3' 2" long	DTD.323	A-B
C.211689/379	Flap, air, union (FR.11) to gauge	3/16" o/d. x 22 S.W.G. x 9" long	DTD.323	A-C
C.211689/380	U/C air, union (FR.13) to union (FR.11)	3/16" o/d. x 22 S.W.G. x 3' 3" long	DTD.323	A-B
C.211689/381	U/C air, union (FR.11) to gauge	3/16" o/d. x 22 S.W.G. x 1' 0" long	DTD.323	A-C
C.211689/382	U/C emergency, union to gauge	3/16" o/d. x 22 S.W.G. x 1' 5" long	DTD.323	A-C
C.211689/383	Flap, emergency air, union to gauge	3/16" o/d. x 22 S.W.G. x 1' 2" long	DTD.323	A-C
C.211689/404	Port brake, bulkhead connection to union	3/16" o/d. x 22 S.W.G. x 1' 7" long	DTD.323	A-A
C.211689/405	Starboard brake, union to gauge	3/16" o/d. x 22 S.W.G. x 1' 1/2" long	DTD.323	B-C
C.211689/406	Starboard brake, bulkhead connection to union ...	3/16" o/d. x 22 S.W.G. x 1' 5" long	DTD.323	A-A

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
C.211689/407	Port brake, union to gauge	3/16" o/d. x 22 S.W.G. x 1' 1-1/2" long	DTD.323	B-C
C.211689/408	Pressure, bulkhead connection to union	3/16" o/d. x 22 S.W.G. x 1' 8" long	DTD.323	A-A
C.211689/409	Pressure, union to gauge	3/16" o/d. x 22 S.W.G. x 9-1/2" long	DTD.323	B-C
C.211689/410	Brake, accumulator bulkhead connection to union .	3/16" o/d. x 22 S.W.G. x 1' 5-1/2" long	DTD.323	A-A
C.211689/411	Brake, accumulator union to gauge	3/16" o/d. x 22 S.W.G. x 1' 4" long	DTD.323	B-C
C.211689/412	Flap, air, union to flap emergency air valve	3/16" o/d. x 22 S.W.G. x 1' 10-1/2" long	DTD.323	A-A
C.211689/413	Flap, air, union to flap	3/16" o/d. x 22 S.W.G. x 1' 10" long	DTD.323	A-A
C.211689/431	Pipe, port brake pressure relay to bulkhead	3/16" o/d. x 22 S.W.G. x 2' 4" long	DTD.323	C-A
C.211689/432	Pipe, starboard brake pressure relay to bulkhead ...	3/16" o/d. x 22 S.W.G. 2' 2" long	DTD.323	C-A
C.211689/435	Pressure, tee-piece to non-return valve	1/4" o/d. x 22 S.W.G. x 5" long	DTD.323	A-A
C.211689/436	Pressure, non-return valve to 4-way piece	1/4" o/d. x 22 S.W.G. x 7-1/2" long	DTD.323	A-A
C.211689/437	Brake, air charging, accumulator to bulkhead union	3/16" o/d. x 22 S.W.G. x 2' 10" long	DTD.323	A-A
C.211689/438	Port brake, union to tee-piece	1/4" o/d. x 22 S.W.G. x 4' 0" long	DTD.323	A-A
C.211689/439	Pressure, tee-piece to pressure relay valve	3/16" o/d. x 22 S.W.G. x 1' 11" long	DTD.323	A-C
C.211689/440	Pressure, control valve "in" connection to 4-way ..	3/16" o/d. x 22 S.W.G. x 4' 7" long	DTD.323	C-A
C.211689/446	Pressure, pressure relay valve to choke	3/16" o/d. x 22 S.W.G. x 7-1/2" long	DTD.323	C-C
C.211689/447	Pressure, choke to bulkhead connection	3/16" o/d. x 22 S.W.G. x 7" long	DTD.323	C-A

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
A.212212/1	Connection to union	3/16" o/d. x 22 S.W.G. x 1' 9" long	DTD.253	G-B
A.212212/2	Union to pressure switch	3/16" o/d. x 22 S.W.G. x 2' 8" long	DTD.253	G-G
A.212212/3	Connection to union	3/16" o/d. x 22 S.W.G. x 1' 2" long	DTD.253	G-B
A.212212/4	Union to pressure switch	3/16" o/d. x 22 S.W.G. x 2' 5" long	DTD.253	G-G
A.212659/1	Anti-"G" valve to joint, port	5/8" o/d. x 22 S.W.G. x 1' 2" long	L.54	Beaded
A.212659/2	Anti-"G" valve to joint, starboard	5/8" o/d. x 22 S.W.G. x 1' 6" long	L.54	Beaded
A.212659/8	Joint to joint	5/8" o/d. x 22 S.W.G. x 2' 2" long	L.54	Beaded
A.212659/10	Joint to hose	5/8" o/d. x 20 S.W.G. x 3' 7" long	DTD.323	Beaded
A.212659/11	Joint to hose	5/8" o/d. x 20 S.W.G. x 3' 4" long	DTD.323	Beaded
A.212660/1	4 way piece to non-return valve	3/16" o/d. x 22 S.W.G. x 10" long	DTD.323	G-G
A.212660/2	Non-return valve to air bottle	3/16" o/d. x 22 S.W.G. x 6" long	DTD.323	G-G
A.212660/3	Bottle to bottle	3/16" o/d. x 22 S.W.G. x 5" long	DTD.323	G-G
A.212660/4	Bottle to filter	3/16" o/d. x 22 S.W.G. x 1' 4" long	DTD.323	G-G
A.212660/5	Filter to union	1/4" o/d. x 22 S.W.G. x 3' 4" long	DTD.323	A-B
A.212660/6	Union to valve selector	1/4" o/d. x 22 S.W.G. x 3' 4" long	DTD.323	A-A
A.212660/7	Valve selector to valve reducing	1/4" o/d. x 22 S.W.G. x 5' 0" long	DTD.323	A-A
A.212660/8	Valve reducing to union	1/4" o/d. x 22 S.W.G. x 2' 4" long	DTD.323	A-B

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
A.212660/9	Union to union	$\frac{1}{2}$ " o/d. x 22 S.W.G. x 2' 0" long.	DTD.323	A-B
A.212660/10	Union to tee-piece	$\frac{1}{2}$ " o/d. x 22 S.W.G. x 2' 0" long.	DTD.323	A-A
A.212660/11	Tee-piece to valve reducing	$\frac{1}{2}$ " o/d. x 22 S.W.G. x 9" long.	DTD.323	A-A
A.212660/12	Tee-piece to pressure gauge	$\frac{3}{8}$ " o/d. x 22 S.W.G. x 3' 4" long.	DTD.323	G-C
A.212660/14	Union to 3-way connection	$\frac{1}{2}$ " o/d. x 22 S.W.G. x 4' 0" long.	DTD.323	A-A
A.212660/15	3-way connection to reducing valve	$\frac{1}{2}$ " o/d. x 22 S.W.G. x 7" long.	DTD.323	A-A
A.212660/16	3-way connection to pressure gauge	$\frac{3}{8}$ " o/d. x 22 S.W.G. x 3' 0" long.	DTD.323	A-C
B.213254/1	Low pressure, by-pass valve to spacer pipe ...	$\frac{1}{2}$ " o/d. x 22 S.W.G. x 9" long.	DTD.253	A-A
B.213254/2	High pressure, by-pass valve to junction ...	$\frac{1}{2}$ " o/d. x 22 S.W.G. x 1' 2" long.	DTD.253	A-A
B.213254/3	Hood seal, fuel cooler to connection	$\frac{1}{2}$ " o/d. x 22 S.W.G. x 2' 3" long.	DTD.253	A-A
B.213254/5	Air supply, electro magnetic valve to bulkhead union	$\frac{1}{2}$ " o/d. x 22 S.W.G. x 1' 4" long.	DTD.253	A-A
B.213254/6	Air supply, electro magnetic valve to connection	$\frac{1}{2}$ " o/d. x 22 S.W.G. x 1' 0" long.	DTD.253	A-A
B.213254/7	Hood, supply, frame 6 to aft of frame 7 ...	$\frac{1}{2}$ " o/d. x 22 S.W.G. x 1' 6" long.	DTD.253	A-D
B.213254/8	Hood, supply, tee-piece to reducing valve ...	$\frac{1}{2}$ " o/d. x 22 S.W.G. x 8" long	DTD.253	A-A
B.213254/9	Hood, supply, reducing valve to bulkhead connection	$\frac{1}{2}$ " o/d. x 22 S.W.G. x 1' 6" long.	DTD.253	A-A
B.213254/10	Hood, supply, bulkhead union to electro magnetic valve	$\frac{1}{2}$ " o/d. x 22 S.W.G. x 2' 0" long.	DTD.253	A-A
B.213254/12	Hood, supply, non-return valve to connection ...	$\frac{1}{2}$ " o/d. x 22 S.W.G. x 1' 3" long.	DTD.253	A-D
B.213254/13	Air supply, extractor valve to aft of frame 7 ...	$\frac{1}{2}$ " o/d. x 22 S.W.G. x 3' 6" long.	DTD.253	A-A
B.213254/14	Air supply, aft of frame 12 to extractor valve ...	$\frac{1}{2}$ " o/d. x 22 S.W.G. x 3' 6" long.	DTD.253	A-A

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
B.213254/18	Hood, supply, aft of frame 7 to aft of frame 8 ...	½" o/d. x 22 S.W.G. x 1' 6" long.	DTD.253	A-D
B.213254/19	Hood, supply, aft of frame 8 to aft of frame 12	½" o/d. x 22 S.W.G. x 4' 0" long.	DTD.253	A-A
B.213254/20	Hood, supply, aft of frame 12 to tee-piece ...	½" o/d. x 22 S.W.G. x 3' 6" long.	DTD.253	D-A
B.213254/21	Air supply, aft of frame 7 to aft of frame 8 ...	½" o/d. x 22 S.W.G. x 1' 6" long.	DTD.253	D-D
B.213254/22	Air supply, aft of frame 8 to aft of frame 12 ...	½" o/d. x 22 S.W.G. x 4' 0" long.	DTD.253	A-D
B.231253/23	Hood, supply, electro magnetic valve to hood seal connection	½" o/d. x 22 S.W.G. x 2' 3" long.	DTD.253	A-A
B.213254/24	Guard to frame 6	½" o/d. x 22 S.W.G. x 1' 6" long.	DTD.253	A-A
B.213254/26	Discharge valve to frame 6	½" o/d. x 22 S.W.G. x 7" long.	DTD.253	A-A
B.213254/27	Frame 6 to pressure controller	½" o/d. x 22 S.W.G. x 1' 0" long.	DTD.253	A-A
B.213254/28	Drain	⅜" o/d. x 22 S.W.G. x 3' 0" long.	DTD.253	C-plain
B.213254/32	Hood, supply, connection to connection	½" o/d. x 22 S.W.G. x 2' 9" long.	DTD.253	A-D
B.213254/33	Hood, supply, connection to frame 18A	½" o/d. x 22 S.W.G. x 2' 4" long.	DTD.253	A-D
B.213254/34	Hood, supply, frame 18A to centre fuselage	½" o/d. x 22 S.W.G. x 2' 8" long.	DTD.253	A-D
B.213254/36	Air supply, extractor valve to electro magnetic valve	½" o/d. x 22 S.W.G. x 6" long.	DTD.253	A-A
B.213254/53	H.S.P., frame 8, aft, to frame 12, aft	½" o/d. x 22 S.W.G. x 4' 1" long.	DTD.253	A-A
D.213254/54	A.S.P., frame 8, aft, to frame 12, aft	½" o/d. x 22 S.W.G. x 4' 6" long.	DTD.253	A-B

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
A.213666/1	Pressure, tee-piece to union... ..	$\frac{5}{16}$ " o/d. x 22 S.W.G. x 1' 2" long.	L.67	Plain
A.213666/2	Static, tee-piece to union	$\frac{5}{16}$ " o/d. x 22 S.W.G. x 11" long.	L.67	Plain
A.213666/3	Pressure, union to union	$\frac{5}{16}$ " o/d. x 22 S.W.G. x 1' 11" long.	L.67	Plain
A.213666/4	Static union to bulkhead connection	$\frac{5}{16}$ " o/d. x 22 S.W.G. x 2' 3" long.	L.67	Plain
A.213666/5	Pressure, union to bulkhead connection	$\frac{5}{16}$ " o/d. x 22 S.W.G. x 2' 10" long.	L.67	Plain
A.213666/6	Static, union to bulkhead connection	$\frac{5}{16}$ " o/d. x 22 S.W.G. x 2' 9" long.	L.67	Plain
A.213666/7	Pressure, bulkhead connection to union	$\frac{5}{16}$ " o/d. x 22 S.W.G. x 2' 4" long.	L.67	Plain
A.213666/8	Static, bulkhead connection to union	$\frac{5}{16}$ " o/d. x 22 S.W.G. x 2' 2" long.	L.67	Plain
A.213666/9	Pressure, union to union	$\frac{5}{16}$ " o/d. x 22 S.W.G. x 3' 0" long.	L.67	Plain
A.213666/10	Static, union to union	$\frac{5}{16}$ " o/d. x 22 S.W.G. x 3' 3" long.	L.67	Plain
A.213666/15	Pressure, tee-piece to tee-piece	$\frac{5}{16}$ " o/d. x 22 S.W.G. x 2' 0" long.	L.67	Plain
A.213666/16	Static, tee-piece to tee-piece	$\frac{5}{16}$ " o/d. x 22 S.W.G. x 1' 11" long.	L.67	Plain
A.213666/17	Pressure, elbow to tee-piece	$\frac{5}{16}$ " o/d. x 22 S.W.G. x 3' 0" long.	L.67	Plain
A.213666/18	Static, tee-piece to gyro gun sight, port	$\frac{5}{16}$ " o/d. x 22 S.W.G. x 8" long.	L.67	Plain
A.213666/19	Pressure, tee-piece to airspeed indicator	$\frac{5}{16}$ " o/d. x 22 S.W.G. x 2' 4" long.	L.67	Plain
A.213666/20	Static, tee-piece to tee-piece	$\frac{5}{16}$ " o/d. x 22 S.W.G. x 2' 9" long.	L.67	Plain
A.213666/21	Pressure, tee-piece to union... ..	$\frac{5}{16}$ " o/d. x 22 S.W.G. x 4' 0" plain	L.67	Plain
A.213666/22	Static, tee-piece to tee-piece	$\frac{5}{16}$ " o/d. x 22 S.W.G. x 2' 1" long.	L.67	Plain
A.213666/23	Pressure, union to auto stabiliser unit pressure... ..	$\frac{5}{16}$ " o/d. x 22 S.W.G. x 1' 5" long.	L.67	Plain

PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
A.213666/24	Static, tee-piece to gyro gun sight, starboard ...	$\frac{1}{8}$ " o/d. x 22 S.W.G. x 1' 10" long.	L.67	Plain
A.213666/26	Static, tee-piece to tee-piece	$\frac{1}{8}$ " o/d. x 22 S.W.G. x 1' 11" long.	L.67	Plain
A.213666/28	Static, tee-piece to airspeed indicator	$\frac{1}{8}$ " o/d. x 22 S.W.G. x 6" long.	L.67	Plain
A.213666/29	Pressure, union to tee-piece... ..	$\frac{1}{8}$ " o/d. x 22 S.W.G. x 1' 2" long.	L.67	Plain
A.213666/30	Static, tee-piece to altimeter	$\frac{1}{8}$ " o/d. x 22 S.W.G. x 1' 4" long.	L.67	Plain
A.213666/31	Pressure, tee-piece to union... ..	$\frac{1}{8}$ " o/d. x 22 S.W.G. x 8" long.	L.67	Plain
A.213666/32	Static, tee-piece to union	$\frac{1}{8}$ " o/d. x 22 S.W.G. x 4' 0" long.	L.67	Plain
A.213666/33	Pressure, tee-piece to instrument panel	$\frac{1}{8}$ " o/d. x 22 S.W.G. x 5" long.	L.67	Plain
A.213666/34	Static, union to auto-stabiliser unit	$\frac{1}{8}$ " o/d. x 22 S.W.G. x 1' 4" long.	L.67	Plain
A.213666/38	Static, union to tee-piece	$\frac{1}{8}$ " o/d. x 22 S.W.G. x 1' 2" long.	L.67	Plain
A.213666/40	Static, tee-piece to union	$\frac{1}{8}$ " o/d. x 22 S.W.G. x 8" long.	L.67	Plain
A.213666/42	Static tee-piece to instrument panel	$\frac{1}{8}$ " o/d. x 22 S.W.G. x 5" long.	L.67	Plain
A.213666/53	Pressure, union to tee-piece... ..	$\frac{1}{8}$ " o/d. x 22 S.W.G. x 2' 5" long.	L.67	Plain
A.213666/54	Static, union to tee-piece	$\frac{1}{8}$ " o/d. x 22 S.W.G. x 2' 0" long.	L.67	Plain
A.213666/55	Pressure, tee-piece to bulkhead connection	$\frac{1}{8}$ " o/d. x 22 S.W.G. x 6 $\frac{1}{2}$ " long.	L.67	Plain
A.213666/56	Static, tee-piece to bulkhead connection	$\frac{1}{8}$ " o/d. x 22 S.W.G. x 7" long.	L.67	Plain
A.213666/57	Pressure, tee-piece to tee-piece	$\frac{1}{8}$ " o/d. x 22 S.W.G. x 2' 2" long.	L.67	Plain
A.213666/58	Static, tee-piece to tee-piece	$\frac{1}{8}$ " o/d. x 22 S.W.G. x 2' 4" long.	L.67	Plain
A.213666/59	Pressure, tee-piece to instrument panel	$\frac{1}{8}$ " o/d. x 22 S.W.G. x 2' 7" long.	DTD.253	Plain

PIPING CHART

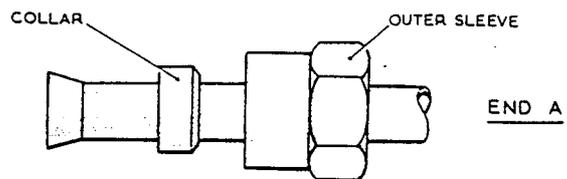
Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
A.213666/60	Static, tee-piece to instrument panel	5/16" o/d. x 22 S.W.G. x 2' 6" long.	DTD.253	Plain
A.213666/61	Pressure, tee-piece to tee-piece	5/16" o/d. x 22 S.W.G. x 1' 11" long.	L.67	Plain
A.213666/62	Static, tee-piece to tee-piece	5/16" o/d. x 22 S.W.G. x 2' 4" long.	L.67	Plain
A.213666/63	Pressure, tee-piece to pressure switch	5/16" o/d. x 22 S.W.G. x 3' 1" long.	L.67	Plain
A.213666/64	Static, tee-piece to pressure switch	5/16" o/d. x 22 S.W.G. x 1' 11" long.	L.67	Plain
A.213666/66	Static, tee-piece to hose connection	5/16" o/d. x 22 S.W.G. x 3" long.	DTD.253	Plain
A.213666/67	Pressure, tee-piece to hose connection	5/16" o/d. x 22 S.W.G. x 3" long.	DTD.253	Plain
A.213666/68	Pressure, bulkhead connection to tee-piece	5/16" o/d. x 22 S.W.G. x 6-1/2" long.	DTD.253	Plain
A.213666/69	Static, tee-piece to hose connection	5/16" o/d. x 22 S.W.G. x 2' 7" long.	L.67	Plain and sleeved end
A.213666/80	Static, bulkhead connection to union	5/16" o/d. x 22 S.W.G. x 1' 9" long.	L.67	Plain
A.213666/81	Pressure, bulkhead connection to union	5/16" o/d. x 22 S.W.G. x 1' 10" long.	L.67	Plain
A.213666/82	Static, bulkhead connection to union	5/16" o/d. x 22 S.W.G. x 1' 6" long.	L.67	Plain
A.213666/83	Pressure, bulkhead connection to union	5/16" o/d. x 22 S.W.G. x 1' 5" long.	L.67	Plain
A.213666/84	Static, tee-piece to bulkhead connection	5/16" o/d. x 22 S.W.G. x 3' 6" long.	L.67	Plain
A.213666/85	Pressure, bulkhead connection to bulkhead connection	5/16" o/d. x 22 S.W.G.	L.67	Plain
A.213666/86	Static, tee-piece to bulkhead connection	5/16" o/d. x 22 S.W.G. x 2-3/4" long.	L.67	Plain
A.213666/87	Static, tee-piece to bulkhead connection	5/16" o/d. x 22 S.W.G. x 7" long.	DTD.253	Plain
A.213666/88	Static, hose connection to hose connection	5/16" o/d. x 22 S.W.G. x 11-1/2" long.	DTD.253	Plain and sleeved end
A.213666/89	Pressure, hose connection to hose connection .	5/16" o/d. x 22 S.W.G. x 10-1/2" long.	DTD.253	Plain

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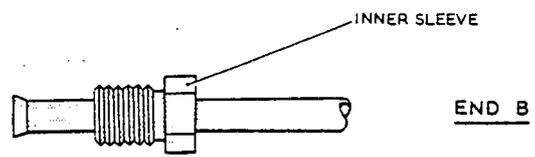
PIPING CHART

Part No.	Description	Size & Cutting Length	Material Specification	End Fittings
A.213666/90	Static, tee-piece to tee-piece	5/16" o/d. x 22 S.W.G. x 8" long.	DTD.253	Plain
A.213666/91	Static, tee-piece to union	5/16" o/d. x 22 S.W.G. x 1' 9" long.	DTD.253	Plain
A.213666/92	Static, union to union	5/16" o/d. x 22 S.W.G. x 1' 10" long.	DTD.253	Plain
A.213666/93	Static, union to instrument panel	5/16" o/d. x 22 S.W.G. x 1' 7" long.	DTD.253	Plain
A.213666/102	Static, tee-piece to nose connection	5/16" o/d. x 22 S.W.G. x long.	DTD.253	Plain

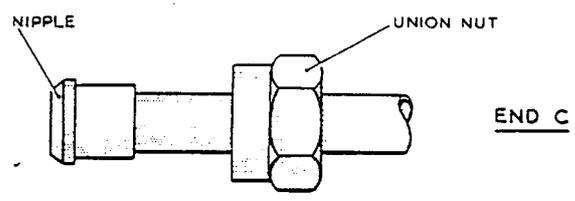
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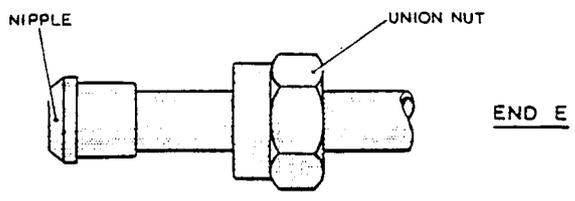
O/D OF PIPE	END A			
	OUTER SLEEVE		COLLAR	
	PART N ^o	REF N ^o	PART N ^o	REF N ^o
3/16	AGS. 904.A	28 F/9128936	AGS. 952.A	28 F/8011890
1/4	AGS. 2111	28 F/18006	AGS. 952.B	28 F/9439531
5/16	AGS. 904.BB	28 F/1015879	AGS. 952.BB	28 F/9475201
3/8	AGS. 904.C	28 F/9140970	AGS. 952.C	28 F/8011892
7/16	AGS. 904.CC	28 F/5724	F 183351	26AQ/2677
1/2	AGS. 904.D	28 F/8011820	AGS. 952.D	28 F/9439532
5/8	AGS. 904.E	28 F/8011821	AGS. 952.E	28 F/6355



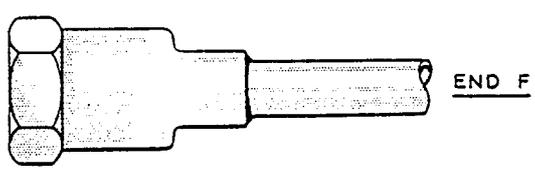
O/D OF PIPE	END B	
	INNER SLEEVE	
	PART N ^o	REF N ^o
3/16	AGS. 1218.A	28 F/11280
1/4	AGS. 1218.B	28 F/1014969
3/8	AGS. 1218.C	28 F/11283
1/2	AGS. 1218.D	28 F/11285
5/8	AGS. 1218.E	28 F/11286



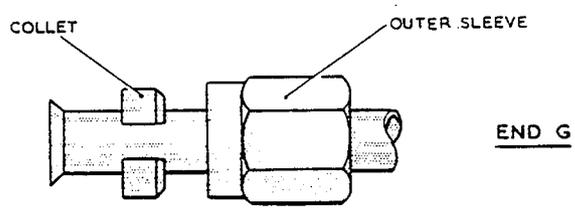
O/D OF PIPE	END C			
	UNION NUT		NIPPLE	
	PART N ^o	REF N ^o	PART N ^o	REF N ^o
3/16	AGS. 1216.A	28 M/9429620	AGS. 209.A	28 N/9429627
3/8	AGS. 1216.C	28 M/9132800	AGS. 209.D	28 N/1013287
1/2	AGS. 1216.D	28 M/1011934	AGS. 209.F	28 N/1013288



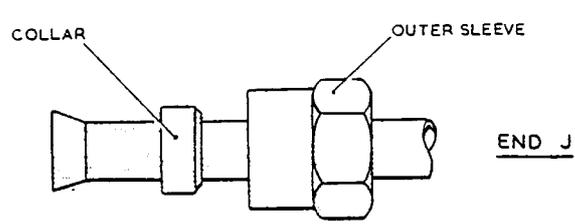
O/D OF PIPE	END E			
	UNION NUT		NIPPLE	
	PART N ^o	REF N ^o	PART N ^o	REF N ^o
3/16	AGS. 1187.A	28 M/1011904	AGS. 209.A	28 N/9429627
1/2	AGS. 1187.D	28 M/9500	AGS. 209.F	28 N/1013288



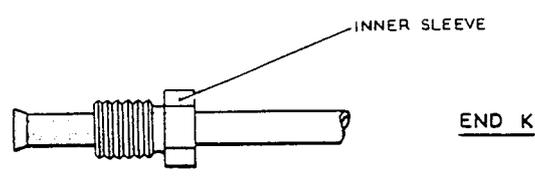
O/D OF PIPE	END F	
	CONNECTION	
	PART N ^o	REF N ^o
5/16	F 172505	



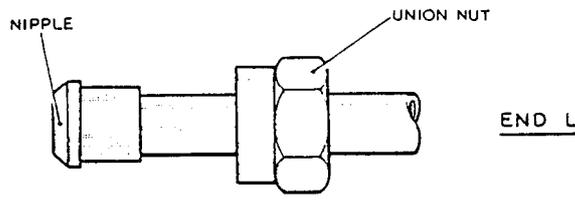
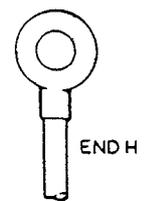
O/D OF PIPE	END G			
	OUTER SLEEVE		COLLET	
	PART N ^o	REF N ^o	PART N ^o	REF N ^o
3/16	GYP 100/A	10685	GYP 101/A	10686



O/D OF PIPE	END J			
	OUTER SLEEVE		COLLAR	
	PART N ^o	REF N ^o	PART N ^o	REF N ^o
3/16	AGS. 954.A	28 F/8011891	AGS. 952.A	28 F/8011890
1/4	AGS. 954.B	28 F/9439527	AGS. 952.B	28 F/9439531
3/8	AGS. 954.C	28 F/8011888	AGS. 952.C	28 F/8011892
1/2	AGS. 954.D	28 F/9439535	AGS. 952.D	28 F/9439532



O/D OF PIPE	END K		O/D OF PIPE	END H
	INNER SLEEVE			BANJO
	PART N ^o	REF N ^o		PART N ^o
3/16	AGS. 955.A	28 F/13612	3/16	F. 202450
1/4	AGS. 955.B	28 F/12432		
3/8	AGS. 955.C	28 F/12374		
1/2	AGS. 955.D	28 F/11960		



O/D OF PIPE	END L			
	UNION NUT		NIPPLE	
	PART N ^o	REF N ^o	PART N ^o	REF N ^o
3/16	AGS. 1216A	28 M/9429620	STD. 2085/1	

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