

PIPER AIRCRAFT, INC.
PA-46-350P MALIBU MIRAGE
AIRPLANE PARTS CATALOG

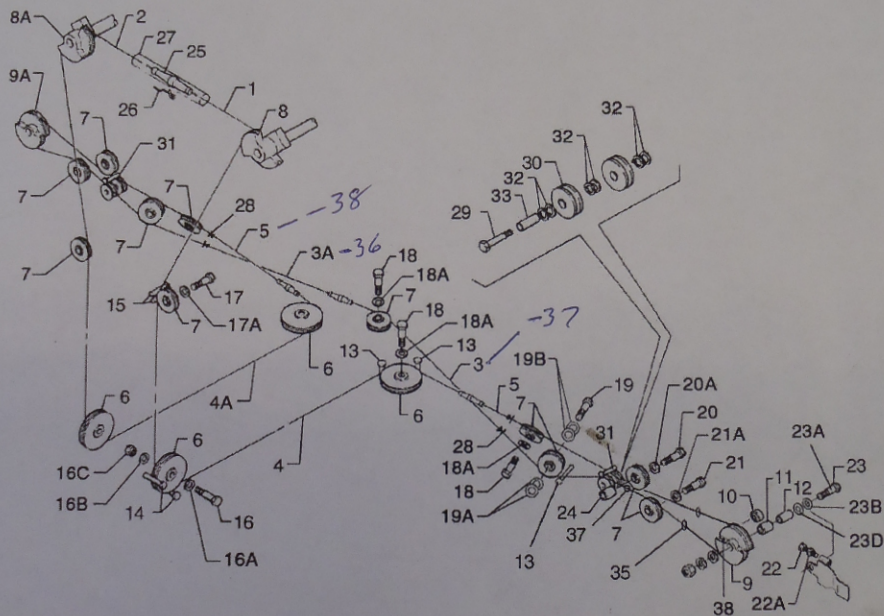


Figure 58. Aileron Control Installation

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4-22-15

Figure and Index Number	Part Number	Nomenclature	No. Req.	Serial Numbers Affected
61	89920 (BR)	DRAWING - Control System Installation		
1	82815-003	CABLE ASSY - Elevator drive, forward, inboard (Reference Piper Service Bulletin 1048, latest revision)	1	4636001 thru 4636131
1	82815-002	CABLE ASSY - Elevator drive, forward, inboard (Reference Piper Service Bulletin 1048, latest revision)	1	4636132 and up
2	82815-005	CABLE ASSY - Elevator drive, forward, outboard (Reference Piper Service Bulletin 1048, latest revision)	1	4636001 thru 4636131
2	82815-004	CABLE ASSY - Elevator drive, forward, outboard (Reference Piper Service Bulletin 1048, latest revision)	1	4636132 and up
3	82815-027	CABLE ASSY - Elevator drive, aft (Reference Piper Service Bulletin 1048, latest revision)	2	4636001 thru 4636247
3	82815-026	CABLE ASSY - Elevator drive, aft (Reference Piper Service Bulletin 1048, latest revision)	2	4636248 and up
4	481-652	PULLEY - (MS20220-2)	6	
5	481-628	PULLEY - (MS24566-3B)	2	
6	82845-002	SECTOR ASSY - Elevator quadrant	1	
6A	82825-002	QUADRANT	1	
6B	82825-003	QUADRANT	1	
7	452-847	* BEARING	2	
8	452-511	* BEARING	2	
9	82695-016	* SPACER	1	
10	400-453	* BOLT - (AN3-21A)	2	
10A	690-609	* WASHER - (NAS1149F0332P)	4	
10B	404-526	* NUT - (MS21042-3)	2	
11	82833-002	ROD ASSY - Elevator control	1	
12	402-774	* BOLT - (NAS428-4-10)	1	
-12A	404-322	* NUT - (AN316-4)	1	
13	400-009	BOLT - (AN4-14A)	2	
-13A	690-611	WASHER - (NAS1149F0463P)	2	
-13B	404-849	NUT - (AN364-428)	2	
14	424-521	PIN - (NAS427-K26)	1	
15	424-507	PIN - (NAS427-K13)	3	
16	401-359	BOLT - (AN5-20A)	1	
16A	690-619	WASHER - (NAS1149F0532P)	2	
16B	690-628	WASHER - (NAS1149F0563P)	4	
16C	404-531	NUT - (MS21042-5)	1	
17	401-353	BOLT - (AN5-12A)	2	
17A	690-628	WASHER - (NAS1149F0563P)	4	
17B	404-531	NUT - (MS21042-5)	2	
19	401-312	BOLT - (AN4-12A)	1	
19A	690-611	WASHER - (NAS1149F0463P)	2	
19B	404-530	NUT - (MS21042-4)	1	
20	400-004	BOLT - (AN4-7A)	1	
20A	690-613	WASHER - (NAS1149F0432P)	2	
20B	404-530	NUT - (MS21042-4)	1	
21	401-203	BOLT - (AN5-44A)	1	
21A	690-628	WASHER - (NAS1149F0563P)	4	
21B	690-619	WASHER - (NAS1149F0532P)	4	
21C	404-531	NUT - (MS21042-5)	1	
22	82695-019	BUSHING - Spacer	1	
23	82695-017	BUSHING - Spacer	1	
24	489-910	TURNBUCKLE - (MS21251-B5S)	2	

-ITEM NOT ILLUSTRATED

When ordering, always specify Part Number, Description, and Serial Number of Aircraft

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Figure and Index Number	Part Number	Nomenclature	No. Req.	Serial Numbers Affected
58	89920 (BR) 82963 (AG)	DRAWING - Control System Installation DRAWING - Aileron Controls Installation		
1	82815-015	CABLE ASSY - Aileron balance, left (Reference Piper Service Bulletin 1048, latest revision)	1	4636001 thru 4636247
1	82815-014	CABLE ASSY - Aileron balance, left (Reference Piper Service Bulletin 1048, latest revision)	1	4636248 and up
2	82815-017	CABLE ASSY - Aileron balance, right (Reference Piper Service Bulletin 1048, latest revision)	1	4636001 thru 4636247
2	82815-016	CABLE ASSY - Aileron balance, right (Reference Piper Service Bulletin 1048, latest revision)	1	4636248 and up
3	82815-037	CABLE ASSY - Aileron balance, left (Reference Piper Service Bulletin 1048, latest revision)	1	
3A	82815-036	CABLE ASSY - Aileron balance, left (Reference Piper Service Bulletin 1048, latest revision)	1	
4	82815-035	CABLE ASSY - Aileron drive, forward, left (Reference Piper Service Bulletin 1048, latest revision)	1	4636001 thru 4636131
4	82815-034	CABLE ASSY - Aileron drive, forward, left (Reference Piper Service Bulletin 1048, latest revision)	1	4636132 and up
4A	82815-019	CABLE ASSY - Aileron drive, forward, right (Reference Piper Service Bulletin 1048, latest revision)	1	4636001 thru 4636131
4A	82815-018	CABLE ASSY - Aileron drive, forward, right (Reference Piper Service Bulletin 1048, latest revision)	1	4636132 and up
5	82815-038	CABLE ASSY - Aileron drive, aft (Reference Piper Service Bulletin 1048, latest revision)	2	
6	481-652	PULLEY - (MS20220-2)	4	
7	481-651	PULLEY - (MS20220-1)	11	
8	85212-002	QUADRANT ASSY - Aileron, left	1	
8A	85213-002	QUADRANT ASSY - Aileron, right	1	
9	82958-002	SECTOR ASSY - Aileron drive, left	1	
9A	82958-003	SECTOR ASSY - Aileron drive, right	1	
10	452-850	* BEARING - (MS14102-4)	1	
11	452-858	* BEARING	1	
12	82957-002	BUSHING - Aileron sector	1	
13	424-508	PIN - (NAS427-K14)	2	
14	424-507	PIN - (NAS427-K13)	6	
15	424-506	PIN - (NAS427-K12)	4	
16	401-353	BOLT - (AN5-12A)	4	
16A	690-619	WASHER - (NAS1149F0532P)	2	
16B	690-628	WASHER - (NAS1149F0563P)	1	
16C	404-531	NUT - (MS21042-5)	4	
17	401-190	BOLT - (AN5H10A)	2	
17A	690-628	WASHER - (NAS1149F0563P)	2	
18	401-353	BOLT - (AN5-12A)	2	
18A	690-619	WASHER - (NAS1149F0532P)	3	
-18B	404-531	NUT - (NAS1149F0532P)	3	
19	401-353	BOLT - (AN5-12A)	5	
19A	690-628	WASHER - (NAS1149F0563P)	1	
19B	690-619	WASHER - (NAS1149F0532P)	6	
20	401-202	BOLT - (AN5H16A)	12	
20A	690-619	WASHER - (NAS1149F0532P)	2	
21	401-352	BOLT - (AN5H11A)	2	
21A	690-619	WASHER - (NAS1149F0332P)	4	

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